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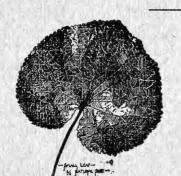
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THE OWNER WHILE

Kelsey's Hardy American Trees, Shrubs and Plants

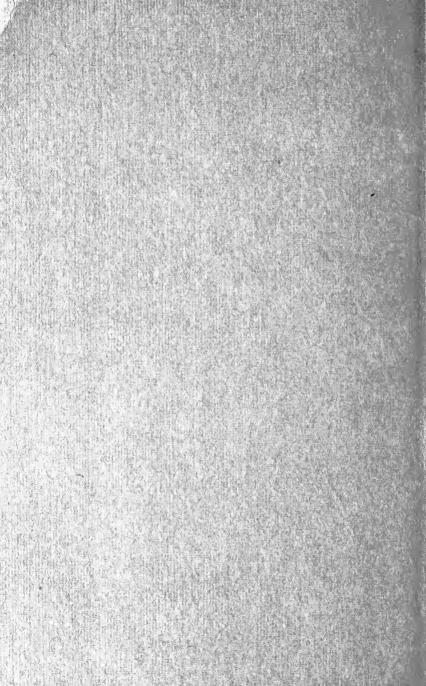
Rhododendrons
Azaleas
Mountain Laurel
Leucothoe
Andromedas
Specimen Conifers, Etc.



"Hardy
New England Grown
— Best by Test"—

HARLAN P. KELSEY, Owner Boxford-Highlands Nursery SALEM, MASSACHUSETTS

This Catalog abrogates all previous prices



BOXFORD-HIGHLANDS NURSERY

Hardy Native American Plants and Specimen Evergreens Specialties at Boxford-Highlands Nursery, backed by over thirty years' experience. Many of our choicest American ornamentals have been introduced to cultivation by me, including Carolina Hemlock, Azalea vaseyi. Rhododendron carolinianum, Lilium grayi, Shortia gala-Robinia kelsevi, Rhododendron catawbiense compacta, and many others.

Shipping Season begins in Spring, when frost leaves the ground, usually March 15 to June 1st. August planting of Specimen Evergreens—Rhododendrons, Kalmias, Leucothoes, Conifers and many Bulbs and Herbaceous Plants—has proved most successful, general

stock going out again from September to December.

Shipping Instructions should be given, otherwise I use my best judgment, but assume no risk. All shipments travel at purchaser's risk and carriers must be held liable for any damage in transit. All stock becomes the property of the purchaser on delivery to trans-

portation company or carrier.

Truck Delivery. Where the size of order warrants, there are distinct advantages in auto-truck delivery for distances up to 30 to 50 miles, and we have made large deliveries up to 200 miles. Stock arrives quickly and when wanted, and is delivered fresh on the grounds, saving local trucking and unpacking. Charges are made

products, saving local trucking and unparking. Charges are made according to size of truck and distance traveled.

Prices are made to fit the quality of the stock sent out. Discriminating buyers now realize that the greatest value of nursery stock is underground. Frequent transplanting and handling specimens with adequate burlaped balls, means success and quick results. It costs more, but it is the fixed policy of the Boxford-Highlands Nursery, and "cheap" stock will not be handled or sent out. The best is always the cheapest.

Special Selection. Stock specially selected at Nursery or ordered by mail will be charged at advance prices to fit the value of stock selected. The prices in this catalog cover the average good grade as

they run in the nursery row.

Packing Charges. At prices printed in this catalog, boxing, balling or burlaping is free, except where noted. Where small sizes or deciduous stock is balled and burlaped by special request or to the "Trade," a charge is always made to cover cost, as follows:

Burlaping Cha				Each
Small siz	es		 	.\$0.10
2 to 3 ft.	clumps and	trees	 	15
3 to 4 ft.	clumps and	trees	 	20
4 to 6 ft.	clumps and	trees	 	25
6 to 8 ft.	clumps and	trees	 	30

Larger sizes are billed in proportion. Where large evergreens are shipped on "platforms," a suitable charge will be made to cover cost.

Terms. Cash or satisfactory reference from unknown customers. All accounts are due the first of each month, unless by special arrangement. Five at 10 rate; 50 at 100 rate; 500 at 1,000 rate. 5 per cent discount may be deducted when cash accompanies order. When not taken, extra plants will be sent to cover such discount.

Non-Warranty. No guarantee, express or implied, is made that stock will grow, whether planted by me or otherwise. Having no control over after-treatment of plantings or over weather conditions, it is obvious that purchaser must assume all responsibility after stock leaves the Nursery in good condition. However, under certain conditions I am prepared to guarantee plantings made by me covering a specified period, on an insurance basis. Charges will be made according to the risk involved and value of material.

according to the risk involved and value of material.

Claims for errors must be made on receipt of goods. If there is any mistake or fault on my part it will be gladly rectified.

Quarantine. The Federal Horticultural Board has proclaimed a practically complete embargo on all Foreign Trees and Shrubs and most Herbaceous Plants. Americans are now learning that our Native Trees and Plants are hardier, freer from disease, more permanent, and far more beautiful and "fitting" in our landscapes and home grounds than exotic material. Still the best exotics can and now will be grown in America for Americans. We are growing them by thousands. by thousands.

HARLAN P. KELSEY



AZALEA ARBORESCENS, Sweet Azalea.

Photographed in Franklin Park, from stock supplied by Boxford-Highlands Nursery.

LANDSCAPE DEPARTMENT

Planning and Planting, and the Use of Hardy Native Plants The successful carrying out of any landscape improvement depends to so great an extent upon the knowledge, skill, and good taste of the one to whom this work is intrusted, that it is supremely impor-

tant to start right, no matter whether the work be large or small.

By the employment of a trained landscape architect expensive experiments may be avoided and successful results insured. This applies to questions both of design and of practical planting.

There are so many well-trained landscape architects today that

There are so many well-trained landscape architects today that there is little excuse for anyone not having the joys that come from well-executed work, based on plans that properly fit each case.

The undersigned takes charge of the laying out and planting of large and small grounds, extensive estates, parks, cemeteries, and other public or private landscape improvements. Particular attention is given to the use of hardy American plants, which are unquestionably the basis of all the best permanent plantings in this country, and particularly where naturalistic effects are desired. If this fact is ignored the most finished and betting results appared the recovered. is ignored, the most finished and lasting results cannot be secured. Is ignored, the most missied and lasting results cannot be secured. The formal garden, where in the past exotics have been used almost exclusively, has wonderful possibilities for the employment of native plants, and especially our magnificent Rhododendrons, Kalmias, and other broadleaf evergreens, as well as Junipers, Hemlocks, Pines and other Conifers. These plants are not only absolutely hardy and unusually free from foreign diseases and pests, but show splendid summer and winter effects that can be produced in no other way. There are, in fact, no foreign plants which can adequately take their place.

Horticultural knowledge, including soil requirements and an intimate acquaintance with plant material, is quite as essential as and co-ordinate with proper designing,—facts too often overlooked. More-over, water-color sketches do not constitute landscape gardening. It is an art to be practised only after years of study and experience, and, like painting and sculpture, must be born in one and cannot be alto-

gether acquired.

We are not committed to the use of Native Plants exclusively, and, where useful and advisable, always introduce the best exotics to pro-

duce desired results.

The undersigned is prepared to make professional visits for consultation and advice, to make surveys, plans and designs, and to undertake the entire construction, planting, and carrying out of landscape work of all descriptions.

The wild garden, the rockery, and the bog and water garden offer possibilities in the way of interest, distinctiveness and variety that are often almost wholly overlooked or but meagerly taken advan-

tage of.

The mountain or seashore bungalow, the modest town home, and the pretentious estate must each have a treatment suitable to particular needs, though in every case a development should prevail that makes the most of striking natural features or topography, giving to each a character of its own.

Lack of time, distance, and other conditions may sometimes lead customers to desire a local landscape architect. I know the leading members of the profession, and at any time on request will gladly recommend landscape architects who may be safely trusted with any

commission, large or small.

Landscape Forestry. We do Landscape Forestry, treating woodlands from a landscape standpoint as well as for commercial uses. Our Landscape Department plans and plants large or small estates. Mr. Kelsey is open for consultations and engagements.

Correspondence with those having new grounds to lay out and plant, or unsatisfactory old grounds to make over, is solicited. Charges are reasonable, yet sufficient to warrant the best results in fairness to my clients and myself.

HARLAN P. KELSEY, Landscape Department,

Hawthorne Building, Salem, Massachusetts, Telephone Connection.



ABIES FRASERI, Fraser Fir, as a specimen.

A fine species from the high Carolina Mountains and far superior to the northern "Balsam Fir.

HARDY CONIFERS AND OTHER EVERGREENS

THE FIRS, Abies

ABIES CONCOLOR, White Fir.	E	ach	10	100
12-18			\$12.00	\$115.00
18-24		2.50	22.50	210.00
	ft.	4.00	36.00	330.00
	ft.	6.00	54.00	
Extra Specimens, 9-18 ft., ABIES FRASERI, Fraser Fir.				mion to
A fine species from the Carolina the Northern Balsam Fir.				
12-18	in.	.60	5.40	45.00
18-24 Specimens 6-7	in. ft.	$\frac{1.00}{7.00}$	$9.00 \\ 66.00$	$81.00 \\ 600.00$
	ft.	9.00	84.00	780.00
			105.00	.00.00
Extra Specimens, 9-14 ft.	\$15.00 t			
Extra Specimens, 9-14 ft. ABIES FIRMA, Momi Fir. 6-9	in.	.60	5.40	
ABIES HOMOLEPSIS (brachyphylla), Nikko			
18-24	in.	3.00	27.00	
	ft.	4.50	42.00	
	ft.	6.00 8.00	$\frac{54.00}{72.00}$	
ABIES HOMOLEPSIS UMBILICATA				Fir
5-9 ft.		\$15.00 e		
ABIES PECTINATA, Silver Fir. 18-24	in.	3.50		
	ft.	4.50	42.00	
	ft.	6.00	54.00	
	ft.	9.00		
6-	7 ft.	12.00		
Larger Specimens up	i to Pron	.uu eacn		
ARCTOSTAPHVIOS IIVALIRSI SA	der Broa	dleaf Eve	ergreens. f Evergr	eens
ARCTOSTAPHYLOS UVAURSI. See	under	Broadlea	f Evergr	
THE CYPRESS AND RETIN	under OSPO	Broadlea: RA, Cha	f Evergr amaecy	
ARCTOSTAPHYLOS UVAURSI. See	under OSPO Dwarf	Broadlea RA, Cha Hinoki C	f Evergr amaecy ypress.	paris
THE CYPRESS AND RETINCHAMAECYPARIS OBTUSA NANA	o under	Broadlea: RA, Cha Hinoki C Each	f Evergr amaecy	
THE CYPRESS AND RETIN	o under OSPO Dwarf in.	Broadlea: RA, Cha Hinoki C Each 3.50	f Evergr amaecy ypress.	paris
THE CYPRESS AND RETIN CHAMAECYPARIS OBTUSA NANA, CHAMAECYPARIS PISIFERA, Sawa 9-12	OSPO Dwarf S in. ira Retir	Broadlea: RA, Cha Hinoki C Each 3.50 nospora60	f Evergr amaecy ypress. 10 5.40	paris 100 45.00
THE CYPRESS AND RETIN CHAMAECYPARIS OBTUSA NANA CHAMAECYPARIS PISIFERA, Sawa 9-12 12-18	Dwarf in. in.	RA, Cha Hinoki C Each 3.50 nospora. .60 1.00	f Evergr amaecy ypress. 10 5.40 8.40	paris 100 45.00 75.00
THE CYPRESS AND RETIN CHAMAECYPARIS OBTUSA NANA, CHAMAECYPARIS PISIFERA, Sawa 9-12 12-18 18-24	OSPO Dwarf in. in. in. in.	Broadlea: RA, Cha Hinoki C Each 3.50 nospora. .60 1.00 2.00	f Evergr amaecy ypress. 10 5.40 8.40 18.00	paris 100 45.00
THE CYPRESS AND RETIN CHAMAECYPARIS OBTUSA NANA CHAMAECYPARIS PISIFERA, Sawa 9-12 12-18 18-24 2-2	Dwarf S in. ira Retir in. in. in. s ft.	RA, Cha Hinoki C Each 3.50 nospora. .60 1.00 2.00 3.00	f Evergr amaecy ypress. 10 5.40 8.40 18.00 27.00	100 45.00 75.00 165.00
THE CYPRESS AND RETIN CHAMAECYPARIS OBTUSA NANA, CHAMAECYPARIS PISIFERA, Sawa 9-12 12-18 18-24 CHAMAEDAPHNE CALYCULATA.	Dwarf S in. Ira Retir in. in. in. S ft. See under	Broadlea: RA, Cha Hinoki C Each 3.50 o.sepora60 1.00 2.00 3.00 er Broadl	5.40 8.40 27.00 eaf Ever	100 45.00 75.00 165.00
THE CYPRESS AND RETIN CHAMAECYPARIS OBTUSA NANA, CHAMAECYPARIS PISIFERA, Sawa 9-12 12-18 12-18 12-18 12-18 2-2 CHAMAEDAPHNE CALYCULATA, DAPHNE CNEORUM, See under E	Dwarf S in. Ira Retir in. in. in. S ft. See under	Broadlea: RA, Cha Hinoki C Each 3.50 o.sepora60 1.00 2.00 3.00 er Broadl	5.40 8.40 27.00 eaf Ever	100 45.00 75.00 165.00
THE CYPRESS AND RETIN CHAMAECYPARIS OBTUSA NANA, CHAMAECYPARIS PISIFERA, Sawa 9-12 12-18 18-24 CHAMAEDAPHNE CALYCULATA.	Dwarf in.	Broadlea: RA, Cha Hinoki C Each 3.50 o.sepora60 1.00 2.00 3.00 er Broadl	5.40 8.40 27.00 eaf Ever	100 45.00 75.00 165.00
THE CYPRESS AND RETIN CHAMAECYPARIS OBTUSA NANA, CHAMAECYPARIS PISIFERA, Saws 9-12 12-18 18-22 CHAMAEDAPHNE CALYCULATA, DAPHNE CNEORUM, See under EILEX OPACA, American Holly.	Dwarf in. in. in. in. in. stt. See under	Broadlea: RA, Cha Hinoki C Each 3.50 nospora. 60 1.00 2.00 3.00 er Broadl Evergree 1.50	5.40 8.40 18.00 27.00 eaf Ever	7 paris 100 45.00 75.00 165.00 greens.
THE CYPRESS AND RETIN CHAMAECYPARIS OBTUSA NANA CHAMAECYPARIS PISIFERA, Saws 9-12 12-18 18-24 CHAMAEDAPHNE CALYCULATA. DAPHNE CNEORUM. See under E ILEX OPACA, American Holly. 12-18	Dwarf S in. in. in. in. S ft. See under	Broadlea: RA, Cha Hinoki C Each 3.50 ospora60 1.00 2.00 3.00 er Broadl Evergree 1.50 ARS, Ju	5.40 8.40 18.00 27.00 eaf Everens. 13.50	100 45.00 75.00 165.00 greens.
THE CYPRESS AND RETINCHAMAECYPARIS OBTUSA NANA CHAMAECYPARIS PISIFERA, Sawa 9-12 12-18 18-22 CHAMAEDAPHNE CALYCULATA. DAPHNE CNEORUM. See under EILEX OPACA, American Holly. THE JUNIPERS AND RE JUNIPERUS CHINENSIS PFITZERI	Dwarf S in. Ira Retir in. Ste. Ira See und roadleaf in. EDCED ANA, Pf	Broadlea: RA, Cha Hinoki C Each 3.50 cospora60 1.00 2.00 er Broadl Evergree 1.50 ARS, Ji itzer Juni lach	5.40 8.40 18.00 27.00 eaf Ever ens. 13.50 uniperu	7 paris 100 45.00 75.00 165.00 greens.
THE CYPRESS AND RETIN CHAMAECYPARIS OBTUSA NANA CHAMAECYPARIS PISIFERA, Save 9-12 12-18 18-22 CHAMAEDAPHNE CALYCULATA. DAPHNE CNEORUM. See under E ILEX OPACA, American Holly. THE JUNIPERS AND RE JUNIPERUS CHINENSIS PFITZERI 6-9	Dwarf Sin. Ina Retir in. See und roadleaf in. EDCED ANA, Pf in.	Broadlea: RA, Cha Hinoki C Each 3.50 00spora60 1.00 2.00 3.00 er Broadl Evergree 1.50 ARS, Ju itzer Juni lach \$1.25	5.40 8.40 18.00 27.00 eaf Everns. 13.50 unipert per 10 11.25	100 45.00 75.00 165.00 greens.
THE CYPRESS AND RETIN CHAMAECYPARIS OBTUSA NANA, CHAMAECYPARIS PISIFERA, Sawa 9-12 12-18 12-24 CHAMAEDAPHNE CALYCULATA, DAPHNE CNEORUM, See under EILEX OPACA, American Holly. THE JUNIPERS AND RE JUNIPERUS CHINENSIS PFITZERI 6-9 8-11	Dwarf S in. Ira Retir in. S ft. See und roadleaf in. EDCED ANA, Pf Ein.	Broadlea: RA, Cha Hinoki C Each 3.50 cospora60 1.00 2.00 3.00 er Broadl Evergree 1.50 ARS, Ju itzer Juni cach \$1.25 2.00	5.40 8.40 18.00 27.00 27.00 13.50 unipert per 10 11.25 18.00	100 45.00 75.00 165.00 greens.
THE CYPRESS AND RETIN CHAMAECYPARIS OBTUSA NANA CHAMAECYPARIS PISIFERA, Sawa 9-12 12-18 18-24 CHAMAEDAPHNE CALYCULATA. DAPHNE CNEORUM. See under E ILEX OPACA, American Holly. 12-18 THE JUNIPERS AND RE JUNIPERUS CHINENSIS PFITZERI 6-9 8-11 12-18	Dwarf S in. Ira Retir in. See und roadleaf in. EDCED ANA, Pf in. in. in. in.	Broadlea: RA, Cha Hinoki C Each 3.50 cospora60 1.00 2.00 er Broadl Evergree 1.50 ARS, Juliater Juni Jach \$1.25 2.00 3.00	5.40 8.40 18.00 27.00 eaf Ever ms. 13.50 unipert per 10 11.25 18.00 27.00	100 45.00 75.00 165.00 greens.
THE CYPRESS AND RETIN CHAMAECYPARIS OBTUSA NANA, CHAMAECYPARIS PISIFERA, Sawe 9-12 12-18 18-24 CHAMAEDAPHNE CALYCULATA, DAPHNE CNEORUM. See under EILEX OPACA, American Holly. THE JUNIPERS AND RE JUNIPERUS CHINENSIS PFITZERI 6-9 8-12 12-18 18-24	Dwarf S in. Ira Retir in. in. See und roadleaf in. EDCED ANA, Pf in. in. in. in. in.	Broadlea: RA, Chi Hinoki C Each 3.50 osspora60 1.00 2.00 3.00 er Broadl Evergree 1.50 ARS, Ji itzer Juni ach \$1.25 2.00 3.00 4.00	5.40 8.40 18.00 27.00 eaf Everens. 13.50 unipert per 10 11.25 18.00 27.00 36.00	100 45.00 75.00 165.00 greens.
THE CYPRESS AND RETIN CHAMAECYPARIS OBTUSA NANA, CHAMAECYPARIS PISIFERA, Sawa 9-12 12-18 18-22 CHAMAEDAPHNE CALYCULATA. DAPHNE CNEORUM. See under EILEX OPACA, American Holly. 12-18 THE JUNIPERS AND RE JUNIPERUS CHINENSIS PFITZERI 6-9 8-11 12-18 18-22 JUNIPERUS COMMUNIS DEPRESS, The beautiful New England type	Dwarf S in. Ira Retir in. See und roadleaf in. EDCED ANA, Pf in. in. in. in. in. A, Prosti and th	Broadlea: RA, Cha Hinoki C Each 3.50 0000000000000000000000000000000000	5.40 8.40 18.00 eaf Ever ens. 13.50 uniperu per 10 11.25 18.00 27.00 36.00 leer.	100 45.00 75.00 165.00 greens.
THE CYPRESS AND RETIN CHAMAECYPARIS OBTUSA NANA, CHAMAECYPARIS PISIFERA, Sawa 9-12 12-18 18-24 CHAMAEDAPHNE CALYCULATA. DAPHNE CNEORUM. See under EILEX OPACA, American Holly. 12-18 THE JUNIPERS AND RE JUNIPERUS CHINENSIS PFITZERI 12-18 12-18 JUNIPERUS COMMUNIS DEPRESS, The beautiful New England type Very hardy and thrives in light	Dwarf S in. Ira Retir in. in. See und roadleaf in. EDCED ANA, Pf In. i	Broadlea: RA, Cha Hinoki C Each 3.50 0000000000000000000000000000000000	5.40 8.40 18.00 27.00 eaf Ever 10 11.25 18.00 27.00 and Ever 10 11.25 18.00 27.00 36.00 er.	100 45.00 75.00 165.00 greens. 15 100
THE CYPRESS AND RETIN CHAMAECYPARIS OBTUSA NANA, CHAMAECYPARIS PISIFERA, Sawa 9-12-18-18-18-18-18-18-18-18-18-18-18-18-18-	Dwarf S in. Ira Retir in. See und roadleaf in. EDCED ANA, Pf in. in. in. in. in. in. A, Prosti and th or heavy in.	Broadlea: RA, Cha Hinoki C Each 3.50 cospora60 1.00 2.00 3.00 er Broadl Evergree 1.50 ARS, Juli itzer Juni ach \$1.25 2.00 4.00 4.00 rate Junip e best of soils. 1.00	5.40 8.40 18.00 27.00 eaf Ever 13.50 unipert 10 11.25 18.00 27.00 36.00 eer. ground 9.00	100 45.00 75.00 165.00 greens. 100 covers. 75.00
THE CYPRESS AND RETIN CHAMAECYPARIS OBTUSA NANA, CHAMAECYPARIS PISIFERA, Sawa 9-12 12-18 18-24 CHAMAEDAPHNE CALYCULATA. DAPHNE CNEORUM. See under EILEX OPACA, American Holly. 12-18 THE JUNIPERS AND RE JUNIPERUS CHINENSIS PFITZERI 12-18 12-18 JUNIPERUS COMMUNIS DEPRESS, The beautiful New England type Very hardy and thrives in light	Dwarf S in. Ira Retir in. See und roadleaf in. EDCED ANA, Pf in.	Broadlea: RA, Cha Hinoki C Each 3.50 0000000000000000000000000000000000	5.40 8.40 18.00 27.00 eaf Ever 10 11.25 18.00 27.00 and Ever 10 11.25 18.00 27.00 36.00 er.	100 45.00 75.00 165.00 greens. 15 100

	Each	10	100
JUNIPERUS SABINA, Savin. 6-9 in.	1.00	9.00	81.00
JUNIPERUS SABINA TAMARISCIFOLIA, 3-6 in.	i amarix	6.75	50.00
JUNIPERUS VIRGINIANA, Redcedar.			
12-18 in. 18-24 in.	$\frac{.65}{1.00}$	$\frac{6.00}{9.00}$	54.00 81.00
2-3 ft,	2.00	18.00	162:00
3-4 ft.	3.50	31.50	276.00
4-5 ft. 5-6 ft.	$\frac{4.50}{6.00}$		
JUNIPERUS VIRGINIANA GLAUCA, SIIve	r Redced	ar.	
2-3 ft. JUNIPERUS VIRGINIANA SCHOTTI, Scho	4.00	36.00	
4-5 ft.	6.00	uar.	
5-6 ft.	9.00		
KALMIA. See under Broadleaf Evergreens LEIOPHYLLUM. BUXIFOLIUM. See under	s. n Proodlo	of Errore	10000
LEUCOTHOE CATESBAEI. See under Bro	r broaule nadleaf E	ar Evergi vergreens	eens.
		. 0. 8. 00	
THE SPRUCES, F	icea		
	Each	10	100
PICEA CANADENSIS (alba), White Spruc 6-9 in.	e. .45	3.75	30.00
12-18 in.	.85	$\frac{5.75}{7.65}$	69.00
18-24 in.	1.60	14.40	
2-3 ft. 3-4 ft.	$\frac{2.50}{3.50}$	24.00	
Larger Specimens up to \$5	0.00 each		
PICEA CANADENSIS CAERULEA, Silver 8-9 ft.	White Sp 15.00	ruce.	
12-18 in.	$\frac{1.25}{1.75}$	12.00	108.00
PICEA EXCELSA, Norway Spruce.	1.75	15.00	135.00
18-24 in.	.75	6.00	54.00
2-3 ft. PICEA KOYAMAI, Koyamai Spruce.	1.60	14.40	127.00
A beautiful rare Japanese species.			
9-12 in.	1.75	6.00	54.00
PICEA OMORIKA, Serbian Spruce.	1.25	12.00	
Perhaps the finest of the spruces and v			
3-4 ft. PICEA PUNGENS (parryana), Colorado Sp	12.00		
This is a typical green form.			
12-18 in. 18-24 in.	$\frac{1.00}{1.50}$	$9.00 \\ 13.50$	81.00 129.00
2-3 ft.	2.50	24.00	210.00
3-4 ft.	4.00	36.00	
7-15 ft. Specimens up to \$ PICEA PUNGENS GLAUCA, Blue Colorad	lo Spruce		
Selected from seedling types but not g	rafted.		225.00
12-18 III. 18-24 in.	$\frac{2.75}{3.60}$	$\frac{27.00}{33.00}$	300.00
2-3 ft.	5.20	48.00	450.00
3-4 ft. 6-18 ft. Specimens up to \$	7.50 90.00 each).	
PICEA PUNGENS KOSTERI, Koster Blue	Spruce.		
These are true Koster variety and prespect. 7-8 ft.	erfect sp 60.00	ecimens 540.00	in every
8-9 ft.	75.00	675.00	
9-10 ft. 10-12 ft.	90.00	810.00 1080.00	
PICEA RUBRA, Red Spruce. 4-5 ft.	$\frac{120.00}{3.50}$	30.00	
DIEDIS EL ODIDINDA Son under Broadl			

PIERIS FLORIBUNDA. See under Broadleaf Evergreens.

THE PINES, Pinus						
PINUS BANKSIANA, Jack Pir	ıe.		Each	10	100	
	2-3		.75	6.00	45.00	
	3-4		1.50	12.00	108.00	
	4-5		2.50	$\frac{21.00}{30.00}$	$\frac{180.00}{270.00}$	
	5-6 6-8		$\frac{3.50}{5.00}$	45.00	405.00	
	8-10		8.00	75.00	600.00	
PINUS CEMBRA, Swiss Stone						
	12-18	in.	1.75	15.00		
	18-24	in.	2.50	22.50		
PINUS DENSIFLORA, Japanese	3-4 e Red		3.50	31.50		
THOO BENON EONA, Vapanes	2-3		1.75	15.00		
	5-6		4.00	36.00		
PINUS EDULIS, Nut Pine.	3-6	in.	.50	4.50		
PINUS FLEXILIS, Limber Pine	e.		==	F 40	45.00	
	12-18 18-24	in.	.75 1.00	$\frac{5.40}{7.50}$	45.00 60.00	
	2-3		2.00	15.00	132.00	
	3-4		3.00	27.00	202.00	
	4-5		4.00	36.00		
PINUS MONTANA, Swiss Mou				0.0.00		
		ft. ft.	4.00 8.00	$\frac{36.00}{72.00}$		
		ft.	12.50	120.00		
PINUS MONTANA MUGHUS.				220.00		
Perhaps the most useful	of the	dπ	arf coni	fers for fo		
planting.	6-12		1.25	12.00	108.00	
	12-18 18-24		$\frac{1.60}{2.40}$	$15.00 \\ 22.50$	135.00 210.00	
		ft.	4.50	42.00	378.00	
		ft.	8.00	72.00	010.00	
PINUS MONTICOLA, Western	White	Pi	ie.			
		ft.	1.50	12.00	108.00	
DINUIS NUCDA Austrian Dina		ft.	2.00	18.00	162.00	
PINUS NIGRA, Austrian Pine	6-12	in	.60	5,40	48.00	
	12-18		1.25	12.00	10.00	
	18-24		2.00	18.00		
		ft.	3.00	27.00	255.00	
		ft. ft.	4.50 6.00	40.50 54.00		
PINUS PARVIFLORA, Japanes				54.00		
Tittee Titteri Eeritti vapanes	18-24		2.00			
PINUS PONDEROSA, Western						
	18-24		1.00	9.00	81.00	
	2-3		2.00	18.00	162.00	
	3-4 4-5		$\frac{3.00}{5.00}$	$\frac{27.00}{45.00}$	240.00	
PINUS RESINOSA, Red Pine.	4-9	10.	0.00	10.00		
	12-18	in.	.75	6.75		
	18-24		1.25	11.25		
	2-3		1.75	15.00		
	4-5 5-6		6.00 8.00	$\frac{54.00}{72.00}$		
	6-8		10.00	90.00		
	8-10		15.00	141.00		
PINUS STROBUS, White Pine					0	
	6-9		.20	1.25	11.25 81.00	
	2-3 3-4		$\frac{1.00}{2.00}$	9.00 18.00	162.00	
	4-5		4.00	36.00	102.00	
	5-6	ft.	6.00	54.00		
Specimens			9.00	81.00		
Specimens			12.00	108.00		
Extra sheared Specimen Seedlings, 2-year, 6				\$20.00 each	1.	
beeumss, 2-year, 0	-J 111.,	aı	ψ=1.00 p	L1 1,000.		

PINUS SYLVESTRIS, Scotch Pine		
	Each	10 100
Specimens 8-10 ft.		0.00
Specimens 10-12 ft.	12.50 11	.2.50
Extra Specimens, \$15.00 to \$3	0.00 each.	
PINUS THUNBERGI, Japanese Black Pine.	0.00	0.00
2-3 ft. 3-4 ft.		.8.00
	3.00	27.00
PSEUDOTSUGA DOUGLASI, Douglas-fir.	0.0	0.40
6-9 in. 9-12 in.	.30	2.40 21.00
12-18 in.	$\frac{.60}{1.00}$	5.40 48.00 9.00 81.00
18-24 in.		13.50 120.00
2-3 ft.		21.00 189.00
3-4 ft.		27.00 240.00
4-5 ft.		15.00
5-6 ft.	7.00 6	33.00
Larger Specimens up to \$40.	00 each.	
PSEUDOTSUGA DOUGLASI GLAUCA, Blue	Douglas-fir.	
7-8 ft.	12.00	
RHODODENDRONS. See under Broadleaf I	Evergreens.	
SCIADOPITYS VERTICILLATA, Umbrella-	ine.	
9-12 in.	1.50	
12-18 in.	2.50	
THE YEWS. Tax	116	
IIIL ILWS, Iax	us	
TAXUS BACCATA REPANDENS, Spreading	Fnalish	VAM
TAXOO BAOOATA ILET AND ENG, Opreauli		10 100
15-18 in.	Each 3.00	27.00
18-24 in.		45.00
TAXUS CANADENSIS (minor), Canada Ye		20.00
6-9 in.	1.00	9.00 \$1.00
9-12 in.		13.00 120.00
12-18 in.	2.00	18.00
TAXUS CUSPIDATA, Japanese Yew.		
9-12 in.		18.00
15-18 in.		27.00
18-24 in.		36.00
2-2½ ft.		45.00
	arf Japane 2.00	
9-12 in. 12-18 in.		18.00 36.00
12-18 III.	4.00	30.00
THE ARBORVITAES,	Thuja	
THUJA OCCIDENTALIS, American Arborv	itaa	
THOUGH OCCIDENTALIS, American Arborv	Each	10 100
9-12 in.	.30	2.00 18.00
12-18 in.	1.00	9.00 81.00
18-24 in.		13.50 120.00
2-3 ft.	2.00	18.00 162.00
3-4 ft.		27.00
4-5 ft.		36.00
5-6 ft.		45.00
THUJA OCCIDENTALIS GLOBOSA, Americ		Arborvitae.
6-9 in.	1.00	9.00 13.50
12-18 in. THUJA OCCIDENTALIS AUREA, Golden A		
THUJA OCCIDENTALIS AUREA, Golden A	.75	6.75 60.00
THUJA OCCIDENTALIS WAREANA, Ware	Arborvitae	
12-18 in.	1.50	13.50
18-24 in.	2.50	21.00

HORTICULTURAL VARIETIES OF THUJA, AMERICAN PYRAMIDAL ARBORVITAE (occidentalis pyramidalis).

	Each	10	100
6-9 in.	.75	6.75	60.00
9-12 in.	1.00	9.00	81.00
12-18 in.	1.50	13.50	120.00
18-24 in.	2.00	18.00	162.00
2-3 ft	3 25	30.00	



ABIES CONCOLOR, White Fir.

Large specimens at Boxford-Highlands Nursery.



CAROLINA HEMLOCK (Tsuga caroliniana)

"Its dense, dark foliage, sweeping semi-pendulous branches, and eventually pyramidal form, combine to give a charm not found in any other evergreen known to cultivation."

Photographed by Harlan P. Kelsey at the Arnold Arboretum, Jamaica Plain, Mass.

THE HEMLOCKS, Tsuga

TSUGA CANADENSIS, Canada Hemlock,

		Each	10	100
	6-9 in.	.50	4.50	39.00
	9-12 in.	.75	6.75	60.00
	12-18 in.	1.00	9.00	81.00
	18-24 in.	1.75	16.00	
	2-3 ft.	2.50	24.00	200.00
Sizes from 6 ft. up are	5-6 ft.	7.00	63.00	
extra heavy specimens.	6-7 ft.	10.00	90.00	
	7-8 ft.	15.00	135.00	
	8-10 ft.	18.00	156.00	
	10-12 ft.	25.00	225.00	
	12-14 ft.	30.00	270.00	

TSUGA CANADENSIS PENDULA, Sargent Weeping Hemlock. 2-21/4 ft. spread, \$15.00.

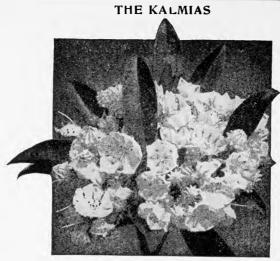
TSUGA CAROLINIANA, Carolina Hemlock.

Carolina Hemlock is unique in habit, with dark, dense, tufted Carolina Hemlock is unique in habit, with dark, dense, tufted foliage on sweeping pendulous branches with a "Japanese effect." It is hardier and more adapted to trying city atmospheres than the Canada Hemlock and seems to thrive in southern latitudes where the latter becomes thin, yellow and unsightly. Professor C. S. Sargent, Director of the Arnold Arboretum, says, in a letter dated October 30, 1923: "As you know I consider this tree (Carolina Hemlock) the handsomest conifer we can grow in New England."

12-18 in.	1.50	14.00	132.00
18-24 in.	2.25	20.00	180.00
2-3 ft.	3.50	30.00	270.00
3-4 ft.	6.00	50.00	450.00
4-5 ft.	12.00	100.00	
5-6 ft.	20.00	180.00	
6-7 ft.	30.00	270.00	
7-8 ft.	40.00	360.00	

RHODODENDRONS, KALMIAS AND OTHER HARDY BROADLEAF **EVERGREENS**

	Each	10	100
ANDROMEDA POLIFOLIA, Bogrosemary,			
9-12 in.	.60	5.40	
CALLUNA VULGARIS HUMOSA.			
12-18 in.	1.00	9,00	
CALLUNA VULGARIS ALBA, White Heat	her.		
9-12 in.	1.00	9.00	
12-18 in.	1.50	0.00	
CHAMAEDAPHNE CALYCULATA, Leather	leaf.		
3-6 in.	.40	3.60	30.00
Clumps 12-18 in.	.75	6.75	60.00
Clumps 18-24 in.	1.25	11.25	
DAPHNE CNEORUM, Rose Daphne,			
6-9 in.	.60	5.40	48.00
12-15 in.	1.25	11.25	
GAYLUSSACIA BRACHYCERA, Box Hucki	leberry.		
3-6 in.	1.25	11.25	



Kalmia latifolia, detall of flowers		
KALMIA AUGUSTIFOLIA, Lambkill.		
A dwarf species, making a fine ground cover.		
Each	10	100
Col. Clumps 6-12 in50	4.50	39.00
KALMIA CAROLINA, Carolina Kalmia.		
3-6 in50	4.50	39.00
KALMIA POLIFOLIA (glauca), Bog Kalmia.		
6-9 in60	5.40	
KALMIA LATIFOLIA, Mountain-laurel.		_
One of the most beautiful of our broadleaf Evers		
surpassing beauty when in bloom, Boxford-Hig	ghlands N	Jursery
has thousands of flowering-size clumps.		
6-9 in75	6.75	60.00
9-12 in. 1.00	9.00	81.00
12-18 in. 1.25	11.25	102.00
18-24 in. 1.50	13.50	120.00
Clumps 18-24 in. 3.00	27.00	240.00
Clumps 2-3 ft. 4.00	36.00	324.00
Clumps 3-4 ft. 6.00	54.00	486.00
LEDUM GROENLANDICUM, True Labrador-tea.		
9-12 in60	5.40	
LEIOPHYLLUM BUXIFOLIUM, Box Sandmyrtle.		
3-6 in60	5.40	
	Allegheny	Sand-
myrtle. 3-6 in60	5.40	
LEUCOTHOE CATESBAEI, Drooping Leucothoe.		.
Invaluable as a border or undershrub and for ed	ging the	Rhodo-
dendron and Azalea plantation. The "spray" foli		
bronze in autumn. Clumps 9-12 in60	5.40	48.00
Clumps 12-18 in. 1.00		81.00
Clumps 18-24 in. 1.50	13.50	120.00
Clumps 2-3 ft. 2.25	21.00	195.00
PACHYSANDRA TERMINALIS, Japanese Pachysano		
2 year .25	1.75	15.00
PIERIS (Andromeda) FLORIBUNDA, Mountain Andr	omeda.	100.00
6-9 in. 1.25	11.25	102.00
9-12 in. 1.75	15.75	
12-18 in. 3.00	27.00	
18-24 in. 4.50	40.50	
12		

RHODODENDRONS

The Native American Rhododendrons are the best for American planting, being hardier than both the "hybrids" and the many Asiatic species. Even where the hardier of the hybrid varieties are successful, the dark-foliaged American species maximum and catawbiense should form the main background.

RHODODENDRON CAROLINIANUM, Carolina Rhododendron.
A clear pink American species, introduced by Harlan P. Kelsey
many years ago. There is no magenta shade in the flowers. Entirely hardy and fine for massing on hillsides and in rockeries.

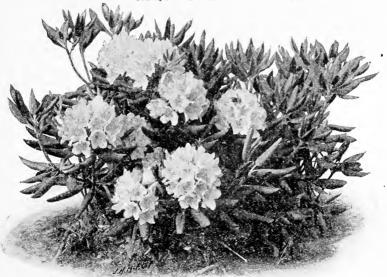
				Each	10	100
	9-12	in.	6	1.00	9.00	81.00
	12-18	in.		1.50	13.50	
Clumps	12-18	in.		2.50	21.00	
Clumps	18-24	in.		4.00	36.00	
AROLIÑIA	NUM	ΔI	RU	M. White	Carolina	Rhodo-

RHODODENDRON CAROLINI dendron. A white natural variety of the above, also an introduc-tion of Mr. Kelsey's.

Collected seedlings 6-9 in. 1.00 9.00

RHODODENDRON CATAWBIENSE, Catawba Rhododendron.
The hardiest and best all-round Rhododendron and the one which supplied color and hardiness to the cultivated hybrids. Color, bright red-purple. Leaves dark shiny green.

	3-6	in.	.60	5.40	48.00
	6-9	in.	1.00	9.00	81.00
	9-12	in.	1.25	11.25	102.00
	12-18	in.	1.75	15.75	141.00
	18-24	in.	2.40	21.00	195.00
Clumps	12-18	in.	2.40	21.00	195.00
Clumps	2-3	ft.	4.00	36.00	
Clumps	3-4	ft.	6.00	54.00	
Clumps	4-5	ft.	9.00	81.00	
Clumps	4-9	It.	9.00	01.00	





RHODODENDRON CATAWBIENSE COMPACTA.

A dense growing variety discovered and introduced by Harlan P. Kelsey. Very distinct from the catawhiense type,

		Each	10	100
Clumps	9-12 in.	2.50	21.00	195.00
Clumps	12-18 in.	3.00	27.00	240.00
Clumps	18-24 in.	4.00	36.00	324.00
Clumna	2-3 ft	6.00	54.00	

60.00

RHODODENDRON MAXIMUM, Rosebay Rhododendron.

The white or pink-tinged flowers and late-blooming habit make this species invaluable for hardy Rhododendron plantings.

RHODODENDRON MINUS, Piedmont Rhododendron.
9-12 in. 1.25 11.25

RHODODENDRON MUCRONULATUM, Korean Rhododendron. A hardy Asiatic species. 3-6 in. .75 6.75

HORTICULTURAL VARIETIES OF RHODODENDRONS.

Album Elegans, blush, changing to white. Caractacus, purplish crimson. Charles Dickens, dark scarlet.

Ignatius Sargent, deep pink. Mrs. Milner, rich crimson.

Opal (Luteoroseum), rose, blotched yellow. Parsons Grandiflorum, rose.

Purpureum Elegans, royal-purple.

Wilson (laetivirens).

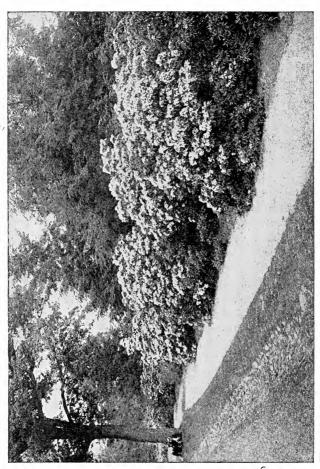
Roseum Elegans, rose.

Myrtle, Myrtifolium, deep rosy-pink. 12-18 in. 7.00 18-24 in. 9.00 2½-3 ft. 12.00

18-24 in.

9.00

DROOPING LEUCOTHOE (L. catesbaei)
The most beautiful broadleaf evergreen for low borders in America



The Kalmia or Mountain-laurel at Arnold Arboretum, with background of tall evergreens Photograph by Harlan P. Kelsey

DECIDUOUS TREES AND SHRUBS

ACER BUERGERIANUM, Trident Maple. Each	10	100
12-18 in60	5.40	
ACER DASYCARPUM (saccharinum), Silver Maple,	9.00	81.00
ACER DASYCARPUM (saccharinum), Silver Maple. 3-4 in. caliper 16-18 ft. 15.00		
ACER GINNALA, Amur Maple.		
3-4 ft	6.75	
	9.00	
	3.50	
ACER PLATANOIDES, Norway Maple.		
12-18 in30	2.70	21.00
18-24 in	4.50	39.00
		120.00
	27.00	
	10.50	
	4.00	
14-16 ft. 8.00 16-20 ft. 12.00		
16-20 ft. 12.00 Extra caliper at special prices.	Z\$	
	- 4 72	
ACER RUBRUM, Red Maple.	0.40	01 00
2-3 ft30 3-4 ft50	2.40 4.50	21.00
4-5 ft	6.75	
	18.00	
ACER SACCHARUM, Sugar Maple,	20.00	
2-3 ft40	3.00	27.00
3-4 ft50	4.50	39.00
4-6 ft75	6.75	60.00
6-8 ft. 1.25		102.00
8-10 ft. 2.00		162.00
ACER SPICATUM, Mountain Maple.		
Seedlings 2-3 ft40	3.00	27.00
HORTICULTURAL VARIETIES OF ACE	₹.	
Wier Maple (Acer saccharinum wieri).		
4-5 ft. 1.00	9.00	
	27.00 - 36.00	
Pyramidal Silver Maple (Acer dasycarpum pyramid		
	31.50	
2-2½ in. caliper 6.00	54.00	
AMELANCHIER ALNIFOLIA, SASKATOON.		
10-15 in, .30	2.70	
AMELANCHIER CANADENSIS, Downy Shadblow,		
2-3 ft40	3.00	
2-3 ft40 AMORPHA TENNESSEENSIS, Tennessee-indigo. 2-3 ft. S60		
2-3 ft. S60	5.40	
3-4 ft. S75	6.75	
AMYGDALUS DAVIDIANA, Chinese Wild Peach.	0.10	
Seedlings .25	2.10	
ARALIA SPINOSA, Devils-Walkingstick. 2-3 ft30	2.40	
ARONIA ARBUTIFOLIA, Red Chokeberry,	2.40	
6-12 in30	2.70	24.00
1-2 ft60	5.40	48.00
2-3 ft75	6.75	
ARONIA MELANOCARPA, Black Chokeberry,		
9-12 in30	2.70	21.00
18-24 in40	3.60	30.00
Clumps 2-3 ft60	5.40	48.00
Clumps 3-4 ft. 1.00	9.00	
ARONIA MELANOCARPA GRANDIFOLIA, Great Black	Chokebe	rry.
3-4 ft. 1.00	9.00	

THE BEST HARDY AMERICAN AZALEAS



Azalea viscosa
 Azalea nudiflora
 Azalea vaseyi
 Azalea calendulacea
 Azalea arborescens

HARDY AMERICAN AZALEAS

The American Azaleas are among the choicest of all ornamentals, whether exotic or native, and were but rarely seen in cultivation before being disseminated by Boxford-Highlands Nursery.

They are seen at their best when planted in large masses, and in

properly prepared beds they richly repay any unusual care given them. Like most ericaceous plants, they love deep, moist, well-drained soil, and these showy native species are particularly adapted to planting in shrub borders and with Rhododendrons, their brilliant blossoms being set off by a background of dark foliage. Azaleas can be successfully grown almost anywhere, following the same instructions given for Rhodoendrons. The complete hardiness of all the species we offer is unquestionable. No American shrubs equal the native Azaleas, particularly Azalea calendulacea, for woodland and hillside plantings.

ticularly Azalea calendulacea, for woodland and fullside plantings.

Our cold Carolina mountains have added no more beautiful plants
to the garden than these American Azaleas, not excepting the magnificent broad-leaf evergreen Rhododendrons of world-wide fame.

arborescens, Sweet Azalea. 5 to 15 feet. In June the delightfully
spicy, fragrant white flowers, with pink stamens, appear in profusion,
lasting for weeks. Becomes a spreading clump, 3 to 6 feet broad,
in cultivation; easy culture. The foliage of this variety often colors
striking shades of red in late autumn and is the best of all genus striking shades of red in late autumn, and is the best of all genus. The clumps offered have from 25 to 100 stems and are heavily budded

with enormous balls.

calendulacea, Flame Azalea. 6 to 15 feet. The most regal of all the species, native or exotic, and a noble representative of our rich Carospecies, native or exotic, and a none representative of our ficil Carolina mountain flora. Bartam, speaking of it in his "Travels," calls it the "fiery Azalea," and says: "This epithet 'fiery' I annex to this most celebrated species of Azalea, as being expressive of the appearance of its flowers, which are in general of the color of the finest red lead, orange, and bright gold, as well as yellow and cream-color. This is certainly the most gay and brilliant-flowering shrub yet known. No more striking landscape effect can be produced than a hillside of Azalea calendulacea in full bloom. Nearly all quoted above 18 inches are budded. These Azalea calendulacea are splendid clumps, with a mass of buds, and range in color from light sulphur-yellow to deep red. nudiflora, Pinxter Flower. Beautiful clear pink, blooming very

nudiflora, Pinxter Flower. Beautiful clear pink, blooming very early, just following A. vaseyi.

vaseyi, Pinkshell Azalea. 6 to 15 feet. This showy Azalea was

Vaseyi, Finkshell Azalea. 6 to 15 feet. This snowy Azalea was discovered only as late as 1878, and introduced by Highlands Nursery very soon after. It is of easy culture and is perhaps the most profuse bloomer of all the native species, and the more conspicuous as its white, pink, or deep rose-colored flowers appear in early April or May before the foliage. Of erect, slender habit naturally, in cultivation it becomes more spreading, while retaining the charming light stem-growth. Autumn usually turns the leaves a deep, dark crimson,

greatly enhancing its beauty and value.

Vicosa, Swamp Azalea. White, sometimes tinged with pink. Makes fine clumps, often reaching a height of 10 to 12 feet. Ouite fragrant.

nne crumps, orten reaching a neight of	or 10 to 12 feet.	Quite irag	rant.
AZALEA ARBORESCENS, Sweet Az	alea. Each	10	100
3-6	in. 1.00	. 8.40	75.00
12-18	in. 1.50	13.50	120.00
18-24	in. 2.00	18.00	162.00
2-3	3 ft. 3.00	27.00	240.00
Clumps 18-24	in. 3.00	27.00	240.00
Clumps 2-3	ft. 4.50	40.50	
Clumps 3-4		63.00	
AZALEA CALENDULACEA (lutea),	Flame Azalea,		
12-18	in. 1.00	9.00	81.00
18-24	in. 1.50	13.50	120.00
2-3	3 ft. 2.00	18.00	162.00
	3.00 ft.	27.00	
	ft. 5.00	45.00	
AZALEA KAEMPFERI, Torch Azale			
8-10) in. 1.00	9.00	
AZALEA VASEYI, Pinkshell Azalea.			
9-12		9.00	81.00
12-18		11.25	102.00
18-24		21.00	195.00
2-3	3 ft. 3.50	31.50	282.00

AZALEA VISCOSA, Swamp Azalea.	Each		100
12-18 in.	.60	5.40	48.00
18-24 in. Clumps 18-24 in.	$egin{array}{c} {f 1.75} \\ {f 1.75} \\ \end{array}$		81.00 . 41.0 0
Clumps 2-3 ft.	2.50	22.50 2	01.00
Clumps 3-4 ft.	3.50	31.50	
Clumps 4-5 ft. BERBERIS CANADENSIS, Allegheny Bar	6.00	54.00	
18-24 in.	1.00	9.00	
BERBERIS KOREANA, Korean Barberry.			
18-24 in. BERBERIS POIRETI, Poiret Barberry.	1.00	9.00	
Seedlings 9-12 in.	.40	3.60	
BERBERIS SIEBOLDI, Siebold Barberry.			
2½-3 ft.	.60	5.40	
BERBERIS THUNBERGI, Japanese Barbe 12-18 in.	erry. .40	3.60	30.00
18-24 in.	.60	5.40	48.00
BERBERIS THUNBERGI MAXIMOWICZI		rberry.	
12-18 in. 18-24 in.	$.60 \\ .75$	5.40	48.00
BERBERIS THUNBERGI MINOR, Box B		6.75	60.00
6-9 in.	.50	4.50	39.00
9-12 in.	.75	6.75	60.00
BERBERIS VERNAE, Verna Barberry. Seedlings 9-12 in.	.40	3.60	30.00
BERBERIS VULGARIS, European Barberr	٠٧.	0.00	30.00
Seedlings 9-12 in.	.25	2.10	18.00
18-24 in.	.30	2.40	21.00
2-3 ft. BETULA ALBA, European White Birch.	.40	3.60	30.00
2-3 ft.	.50	4.50	
3-4 ft.	.75	6.75	
10-12 ft.	2.50	22.50	
BETULA LENTA, Sweet Birch. 2-3 ft.	.40	3.60	
BETULA LUTEA, Yellow Birch.			
2-3 ft.	.40	3.60	
BETULA NIGRA, River Birch.	40	3.60	
18-24 in. 2-3 ft.	.40 .50	4.50	39.00
BETULA PAPYRIFERA (papyracea), Car			
10-12 ft.	2.50	22.50	
BETULA POPULIFOLIA, Gray Birch.	0.5	0.10	18.00
Seedlings 2-3 ft.	.25	2.10	18.00
CALLICARPA JAPONICA, Japanese Beau Seedlings 6-9 in.	.30	2.40	21.00
CALYCANTHUS FLORIDUS, Common Sy			
Clumps 12-18 in.	.60	5.40	
CARPINUS CAROLINIANA (americana),	American	Hornbeam. 5.40	48.00
4-5 ft. 5-6 ft.	$.60 \\ .75$	6.75	60.00
6-8 ft.	1.60	14.40	129.00
CASTANEA PUMILA, Chinquapin.		0.75	
12-18 in. 18-24 in.	1.00	$\frac{6.75}{9.00}$	
CEPHALANTHUS OCCIDENTALIS, Com			
1-2 11.	.40	3.60	
CHIONANTHUS VIRGINICA, White Fri	ngetree. 2.00	18.00	
3-4 ft. 4-5 ft.	3.00	27.00	
5-6 ft.	4.00	36.00	
CLADRASTIS (Virgilia) LUTEA, Yellow-	wood. .75	6.75	
5-6 ft. 6-8 ft.	1.00	9.00	
8-10 ft.	1.50	13.50	
CLETHRA ACUMINATA, Cinnamon Clet	thra.	9.00	
2-3 ft.	1.00	<i>3</i> .00	

CLETHRA ALNIFOLIA, Summersweet. 12-18 in.	Each .50	10 4.50	100
18-24 in.	.60	5.40	
Clumps, 18-24 in.	1.00	9.00	
CLETHRA TOMENTOSA, Woolly Clethra.			
18-24 in. CORNUS ALBA, Tatarian Dogwood.	.75	6.75	
12-15 in.	.30	2.70	21.00
CORNUS ALBA SIBIRICA, Coral Dogwood.		- 10	
2-3 ft. CORNUS ALBA ALTERNIFOLIA, Pagoda	.60 Dogwood.	5.40	
Seedlings 12-18 in.	.40	3.60	
CORNUS BRETSCHNEIDERI.	0.0	0.40	
Seedlings 6-9 in. CORNUS FLORIDA, Flowering Dogwood.	.30	2.40	
2-3 ft.	.60		
CORNUS FLORIDA RUBRA, Redflowering	Dogwood.		
2-3 ft. 3-4 ft.	$\frac{1.25}{2.00}$	11.25 18.00	
4-5 ft.	3.50	31.50	,
5-6 ft.	5.00	45.00	
6-7 ft.	7.00	63.00	
7-8 ft.	10.00	90.00	
CORNUS PANICULATA (racemosa), Gray	Dogwood.	2.40	
CORNUS RUGOSA, Roundleaf Dogwood.		2.10	
18-24 in.	.40	3.60	
2-3 ft.	.60	5.40	
CORNUS STOLONIFERA FLAVIRAMEA, 18-24 in.	Goldentwig	Dogwood 3.60	
2-3 ft.	.60	5.40	
CORYLUS ROSTRATA, Beaked Hazelnut.			
2-3 ft. 3-4 ft.	$.50 \\ .75$	$\frac{4.50}{6.75}$	39.00
COTONEASTER ACUTIFOLIA VILLOSUL	Α.	0.10	
6-12 in.	1.00	9.00	
COTONEASTER AMBIGUA. 12-18 jn.	1.00	9.00	
COTONEASTER DIELSIANA, Diels Coton		5.00	
Seedlings 9-12 in.	.30	2.40	21.00
12-18 in.	.60	5.40	
COTONEASTER DIVARICATA, Spreading Seedlings 18-24 in.	Cotoneast .50	er. 4.50	48.00
COTONEASTER HORIZONTALIS PERPU		1.00	10.00
Pots 3-6 in.	1.00	9.00	
COTONEASTER INTEGERRIMA, Europea	an Cotoneas 1.00	ter. 9.00	
Pots 3-6 in. 2-3 ft.	1.25	11.25	
COTONEASTER LUCIDA (sinensis)			
18-24 in.	$.60 \\ .75$	$\frac{5.40}{6.75}$	
2-3 ft. COTONEASTER MOUPINENSIS, Mupin	Cotoneaster		
Pots 6-9 in.	1.00	9.00	
CRATAEGUS ARKANSANA, Arkansas H	lawthorn.	3.60	
Seedlings 12-18 in.	.40	5.00	
CRATAEGUS ARNOLDIANA, Arnold Ha Seedlings 18-24 in.	.40	3.60	
12-18 in.	.50	4.50	
18-24 in.	.75	6.75	
CRATAEGUS COCCINEA, Thicket Hawth Seedlings 9-12 in.	.25	2.10	18.00
Seedlings 18-24 in.	.40	3.60	30.00
CRATAFGUS CORDATA, Washington Ha	wthorn.	0.00	
Seedlings 12-18 III.	.40	3.60	wthorn
CRATAEGUS MONOGYNA ALBOPLENA	, Double E	15.75	**
3-4 16.	2		

CRATAEGUS MONOGYNA PUNICEA, Single Pink Hawtho	rn.
Each 10	100
3-4 ft. 1.75 15.75 CRATAEGUS NITIDA, Glossy Hawthorn,	
1-2 ft60 5.40	48.00
2-3 ft75 - 6.75 3-4 ft. 1.00 9.00	60.00
4-5 ft. 1.50 13.50	
CRATAEGUS OXYACANTHA SPLENDENS, Paul Double Hawthorn. 3-4 ft. 1.75 15.75	e Scarlet
CRATAEGUS PRUNIFOLIA, Plumleaf Hawthorn. Seedlings 3-6 in25 2.10	18,00
6-12 in40 3.60	10.00
18-24 in60 5.40 CRATAEGUS PRUINOSA, Frosted Hawthorn.	48.00
Seedlings 18-24 in75 6.75	60.00
CRATAEGUS PUNCTATA, Dotted Hawthorn. Seedlings 2-3 ft75 6.75	
Seedlings 2-3 ft75 6.75 CRATAEGUS ROTUNDIFOLIA (glandulosa), Roundleaf Ha	wthorn.
18-24 in75	
CRATAEGUS TOMENTOSA, Pear Hawthorn. Seedlings 9-12 in30 2.40	
HORTICULTURAL VARIETY OF CRATAEGUS.	
Double Pink 3-4 ft. 1.75 15.75	
CYDONIA JAPONICA, Flowering Quince. 12-15 in30 2.70	21.00
DEUTZIA GRACILIS, Slender Deutzia,	
8-12 in30 2.70 12-18 in50 4.50	21.00
DEUTZIA LEMOINEI, Lemoine Deutzia.	
12-15 in30 2.70 DEUTZIA SCABRA CRENATA, Crinkle Deutzia.	21.00
12-18 in30 2.70	21.00
2-3 ft60 5.40 HORTICULTURAL VARIETY OF DEUTZIA SCABF	2 Δ
Pride of Rochester 12-18 in30 2.70	21.00
DIERVILLA RIVULARIS, Georgia Bush-honeysuckle. Seedlings 6-12 in25 2.10	18.00
Seedlings 12-18 in40 3.60	13.00
2-3 ft50 4.50	
DIERVILLA SESSILIFOLIA, Southern Bush-honeysuckle. 18-24 in50 4.50	39.00
2-3 ft75 6.75	60.00
ELAEAGNUS ANGUSTIFOLIA, Russian-olive. 6-9 in25 2.10	18.00
ENKIANTHUS CAMPANULATUS, Redvein Enkianthus.	60.00
9-12 in	81.00
18-24 in. 1.50 13.50	120.00
EUONYMUS ALATUS, Winged Euonymus. 9-12 in60 5.40	
1-2 ft75 6.50	
2-3 ft. 1.25 11.25 3-4 ft. 3.00 27.00	
4-5 ft. 4.50 40.50	
EUONYMUS BUNGEANUS, Winterberry Euonymus. 1-2 ft75 6.50	
2-3 ft. 1.25 11.25	
3-4 ft. 2.00 18.00 EUONYMUS EUROPAEUS, European Burningbush.	
12-18 in50 4.50	
18-24 in60 5.40 EUONYMUS LATIFOLIUS, Broadleaf Burningbush.	
Seedlings 9-12 in25 2.10	18.00
Seedlings 18-24 in40 3.60 2-3 ft. 1.00 9.00	
3-4 ft. 1.60 14.40	

EUONYMUS YEDOENSIS, Yeddo Euonymus, Each	10	100
2-3 ft. 1.00 FAGUS AMERICANA, American Beech.	9.00	
18-24 in75	$\frac{6.75}{11.25}$	60.00
5-6 ft. 3.00	$\frac{11.25}{27.00}$	
6-7 ft. 4.00 FAGUS SYLVATICA, European Beech.	36.00	
3-4 ft. 2.50	22,50	
FAGUS SYLVATICA PURPUREA, Purple Beech. 3-4 ft. 2.50	22,50	
FAGUS SYLVATICA RIVERSI, Rivers Beech. 4-5 ft. 3.50		
6-7 ft. 5.00		
FORSYTHIA INTERMEDIA, Border Forsythia. 12-18 in25	2.10	18.00
18-24 in30	2.70	21.00
Clumps 4-6 ft. 2.00 FORSYTHIA SUSPENSA, Weeping Forsythia.	18.00	
12-18 in25 18-24 in30	$\frac{2.10}{2.70}$	18.00
FORSYTHIA SUSPENSA FORTUNEI, Fortune Fors	ythia.	21.00
12-18 in30 18-24 in50	$\frac{2.70}{4.50}$	21.00
FORSYTHIA SUSPENSA SIEBOLDI, Siebold Forsytl 12-18 in. 30	hia.	24.00
2-3 ft60	$\frac{2.70}{5.40}$	21.00
FORSYTHIA VIRIDISSIMA, Greenstem Forsythia. 12-18 in30	2.70	21.00
GAYLUSSACIA BACCATA (resinosa), Black Huckle		21.00
GENISTA TINCTORIA, Woadwaxen40	3.60	
9-12 in30	2.40	
GENISTA SCOPARIUS. 12-18 in30 GYMNOCLADUS DIOICA (canandensis), Kentucky C	2.40 offeetree.	
6-9 in25 HALESIA MONTICOLA, Mountain Silverbell.	2.10	18.00
2-3 ft. 1.50	13.50	
3-4 ft. 2.00 4-5 ft. 3.00	$\frac{18.00}{27.00}$	
8-10 ft. 8.00		
HAMAMELIS VIRGINIANA, Common Witch-hazel. Seedlings 9-12 in30	2.40	21.00
12-18 in40 HIBISCUS SYRIACUS, Shrub-althea.	3.60	
Named varieties, Reds and Whites, as follows: A		
red; Bicolor, double white with red markings; double red; Jeanne d'Arc, double pure white; Lad		
white. 6-12 in25	2.10	18.00
HYDRANGEA ARBORESCENS, Smooth Hydrangea. Seedlings 18-24 in30	2.40	
18-24 in50 HYDRANGEA ARBORESCENS GRANDIFLORA, Sno	4.50	
12-18 in30	2.40	21.00
18-24 in50 HYDRANGEA CINEREA, Ashy Hydrangea.	4.50	
18-24 in60	5.40	
HYDRANGEA PANICULATA, Panicle Hydrangea. 12-18 in30	2.70	24.00
HYDRANGEA PANICULATA GRANDIFLORA, Peege 12-15 in35	ee Hydran 3.00	gea. 27.00
2-3 ft60	5.40	
HYDRANGEA PANICULATA PRAECOX, Early Pani 8-12 in25	cle Hydra 3.00	ngea. 27.00
HYDRANGEA PANICULATA TARDIVA, Late Panic	cle Hydra	
HYDRANGEA QUERCIFOLIA, Oakleaf Hydrangea.	3.00	21.00
HYPERICUM AUREUM, Golden St. Johnswort.	5.40	
Seedlings 6-9 in25	2.10	18.00
2-3 ft50	4.50	

HYPERICUM DENSIFLORUM. Each	10	100
2-3 ft40	3.60	30.00
HYPERICUM PROLIFICUM, Shrubby St. Johnswort. 18-24 in40	3.60	
2-3 ft60	5.40	
ILEX MONTICOLA, Mountain Winterberry. 2-3 ft60	F 40	
ILEX VERTICILLATA, Common Winterberry.	5.40	
Seedlings 6-9 in25	2.10	18.00
9-12 in30 12-18 in40	$\frac{2.40}{3.60}$	21.00
18-24 in	4.50	30.00 39.00
2-3 ft75	6.75	
ITEA VIRGINICA, Sweetspire. 12-18 in30	2.40	
KOELREUTERIA PANICULATA, Goldenrain-tree.	2.10	
8-15 in25	3.00	27.00
LARIX LARICINA (americana), American Larch. 12-18 in30	2.40	
LARIX EUROPAEA (decidua), European Larch.	2.10	
3-4 ft60	5.40	
LARIX LEPTOLEPIS (kaempferi), Japanese Larch.	9.00	
10-12 ft. 4.00	36.00	
12-14 ft. 6.00	54.00	
LEUCOTHOE RACEMOSA, Sweetbells. 12-18 in40	3.60	
LEUCOTHOE RECURVA, Redtwig Leucothoe.		
18-24 in60	5.40	
LIGUSTRUM ACUMINATUM. 2-3 ft. 1.00	9.00	
Seedlings 6-12 in25	2.10	18.00
LIGUSTRUM AMURENSE, Amur Privet (Northern Ha		
1-2 ft25 LIGUSTRUM IBOTA, Ibota Privet.	2.10	18.00
6-12 in25	1.50	12.00
12-18 in30	2.70	$\frac{21.00}{39.00}$
2-3 ft50 LIGUSTRUM IBOTA REGELIANUM, Regel Privet.	4.50	33.00
2-3 ft60	5.40	48.00
LIGUSTRUM VULGARE, European Privet. 6-12 in15	1.40	9.00
15-24 in20	1.80	15.00
4-5 ft75	6.75	
HORTICULTURAL VARIETY OF LIGUST Ibolium Privet (ibolium). 12-18 in25	RUM. 2.10	18.00
LONICERA FRAGRANTISSIMA, Winter Honeysuckle		10.00
12-18 in25	2.10	18.00
LONICERA MAACKI, Amur Honeysuckle. 12 in50	4.50	
LONICERA MORROWI, Morrow Honeysuckle.	1.00	
12-18 in30	2.70	24.00
18-24 in40 LONICERA MUENDENIENSIS, Muenden Honeysucki	3.60 e.	30.00
Seedlings 12-18 in30	2.40	
Seedlings 2-3 ft40 LONICERA TATARICA ALBA, White Tatarian Hone	3.60	
18-24 in40	3.60	30.00
LONICERA TATARICA SIBERICA (rubra), Red Tatar	ian Hone	ysuckle.
18-24 in40 HORTICULTURAL VARIETY OF LONIC	3.60	30.00
White Belle Honeysuckle (bella albida).		
15-30 in25	1.80	15.00
2-3 ft60 LYONIA LIGUSTRINA, He-Huckleberry.	5.40	
18-24 in60	5.40	
2-3 ft. 1.00	9.00	
MAGNOLIA ACUMINATA, Cucumbertree. 12-18 in40	3.60	
12 10 11110	0.00	

THE FLOWERING CRABS

(Malus species and varieties)

The Flowering Crabs have few rivals among gorgeous Spring flowering trees and shrubs. At the Arnold Arboretum one of the important events of the year is the blooming of the Crabs, followed by the showy fruit.

They are of easy culture, and whether planted singly or in masses, They are of easy culture, and whether planted singly or in masses, give remarkable and quick results. Not only are the Flowering Crabs beautiful on the lawn, but they are used to the greatest advantage on a large scale in woodland and other mass plantings, as are Dogwoods and Hawthorns. No group of plants have greater value for enlivening open forest parks and the country roadside. They present striking effects when planted on parking strips of boulevards and wide city streets.

As soon as the ground can be worked is an ideal time for planting. Give rich soil and mulch heavily. Use all the water the soil will take

in planting.

Description of species and varieties made up from Arnold Arbo-

retum Bulletins.

	Price	s of Flow	ering Crabs		
1 year	(from graft	s) under 1	ft \$.7	5 each \$6.75	per 10
1-2 ft,			1.00	each 9.00	per 10
2-3 ft.			1.25	each 11.25	per 10
			1.75		
			2.50		
5-6 ft.			3.50	each 31.50	per 10

MALUS AUGUSTIFOLIA, Southern Crab.

Late blooming American species, bright pink and very fragrant.

1 year from grafts.

MALUS ARNOLDIANA, Arnold Crab.

One of the most beautiful varieties, originating at the Arnold Arboretum. Very large rose-colored flowers, turning to white. 1 year from grafts.
MALUS ATROSANGUINEA, Carmine Crab.

Much like floribunda, but with brilliant carmine flowers. 1 year from grafts, 2-3 ft., 3-4 ft., 4-5 ft. MALUS BACCATA, Siberian Crab.

Tall, narrow tree, small white flowers and tiny orange or scarlet fruit. 1 year from grafts.
MALUS BACCATA MANDSHURICA, Manchurian Crab.

From China and Japan; its large pure white flowers quite fragrant; dark crimson fruit hangs on long stems. 1 year from grafts. MALUS CORONARIA, Wild Sweet Crab.

White and pink flowers, delightfully fragrant. N species. 1 year from grafts, 1-2 ft., 2-3 ft., 3-4 ft. MALUS FLORIBUNDA, Japanese Flowering Crab. Native American

One of the handsomest, bright pink flower buds, white flowers. Small yellowish fruit, much liked by birds. 1 year from grafts, 3-4 feet.

MALUS HALLIANA PARKMANI, Parkman Crab.

Bright rose-red, double flowers hang on long slender stems. A favorite in Japanese gardens. 1 year from grafts.

MALUS IOENSIS PLENA, Bechtel Crab.

Double pink flowers like small clustered roses. 1 year from grafts. 18-24 in., 2-3 ft. MALUS MICROMALUS, Midget Crab.

Pale pink flowers from tiny deep rose-colored buds; small yellow fruit. Pyramidal habit. 1 year from grafts.

MALUS NIEDZWETZKYANA, Redvein Crab.

A Russian Turkestan species, remarkable for the red color of flowers, branches, leaves and fruit. 1 year from grafts, 2-3 ft., 3-4 ft., 4-5 ft. 5-6 ft.

MALUS PRUNIFOLIA, Pearleaf Crab.

Rare and perhaps the handsomest of the Asiatic Crabs, at least in fruit, which is 1½ in. long, very lustrus, bright red, or yellow with a red cheek. 4-5 ft., 5-6 ft.

MALUS PRUNIFOLIA RINKI (ringo), Chinese Apple.

Large white flowers, and red, yellow or green fruit, 1½ inches in diameter. Cultivated for its fruit in China. 1 year from grafts.

MALUS ROBUSTA, Cherry Crab.

Very early. Large white fragrant flowers and a handsome tree. Dull red fruit. 1 inch in diameter. 1 year from grafts, 5-6 ft.



MALUS FLORIBUNDA, Japanese Flowering Crab.

MALUS SARGENTI, Sargent Crab.

Very dwarf spreading Japanese variety. Pale straw-color flowers with bright yellow anthers. Scarlet fruit hanging till Spring. 1 year from grafts

MALUS SCHEIDECKERI, Scheidecker Crab.
Small tree of pyramidal habit, with small pink flowers in great
profusion. 1 year from grafts, 3-4 feet.

MALUS SIEBOLDI (toringo), Toringo Crab.

Latest of the Asiatic Crabs to flower; bright red flower-buds and white flowers in greatest profusion. Large bright red, lustrous, persistent fruit. 1 year from grafts.

MALUS SIEBOLDI CALOCARPA.

"One of the handsomet (or ba) in the Ambaratum, both in Spring.

"One of the handsomest (crabs) in the Arboretum, both in Spring and Autumn." Large pink and white flowers, brilliant scarlet fruit held inch in disputer. I wan form and Autumn." Large pink and white flowers, brilliant scarlet fruit, half-inch in diameter. 1 year from grafts.

MALUS SPECTABILIS, Chinese Flowering Crab.
Tall shrub or small tree, large pink semi-double flowers, medium-size yellow fruit. 1 year from grafts.

MALUS ZUMI, Zumi Crab.

Pink and white flowers, bright scarlet fruit. 1 year from grafts, 3-4 feet.

MENZIESIA PILOSA, Allegheny I	Menzlesia.	Each	10	100
15	2-18 in.	\$.60	\$5.40	\$48.00
	8-24 in.	.75	6.75	60.00
MORUS ALBA, White Mulberry.				
	1-2 ft.	.40	3.60	
MYRICA CAROLINENSIS, Northe	ern Baybei	rrv.		
	9-12 in.	.35	2.70	24.00
	2-18 in.	.50	4.50	
	2-10 111.	.00	4.00	39.00
MYRICA GALE, Sweetgale.				
18	3-24 in.	.50	4.50	39.00
	2-3 ft.	1.00	9.00	81.00
OSTRYA VIRGINIANA, Americai	1 Hophorn	heam.		
)-12 in.	.25	2.10	
		.40	2.10	
OXYDENDRUM ARBOREUM, So	urwood.			
15	2-18 in.	.30	2.40	21.00
	3-24 in.	.40	3.60	30.00
1,	2-3 ft.	.60	5.40	48.00
	3-4 ft.	1.00	9.00	81.00
	4-5 ft.	1.50	13.50	120.00
PHELLODENDRON AMURENSE	. Amur Co	orktree.		
	2-3 ft.	1.00	9.00	
PHELLODENDRON CHINENSE,	Chinasa C			
	6-9 in.		1 50	40.00
Seedlings	0-9 111.	.25	1.50	12.00
PHELLODENDRON SACHALINE	NSE. Sak	halin Cor	ktree.	
Seedlings	6-9 in.	.25	1.50	12.00
Securings	2-3 ft.	1.00	9.00	81.00
				01.00
	3-4 ft.	1.50	13.50	
	4-5 ft.	2.00	18.00	



OXYDENDRUM ARBOREUM, Sourwood.

A small tree with beautiful ball-like flowers, resembling the Japanese Andromeda. Gorgeous autumn coloring.

PHILADELPHUS CORONARIUS, Sweet Mockorange.		
Each	10	100
1 yr. 12-18 in25 18-24 in40	2.10	18.00
	3.60 5.40	32.40
3-4 ft. 1.00	9.00	
PHILADELPHUS CORONARIUS GRANDIFLORUS, Big	Mockor	
1 yr. 18-30 in25 18-24 in40	$2.10 \\ 3.60$	$\frac{18.00}{32.40}$
2-3 ft60	5.40	02.10
PHILADELPHUS LEMOINEI, Lemoine Mockorange.		
	2.40 6.75	
HORTICULTURAL VARIETIES OF PHILADEL	PHUS.	
Double (coronarius florepleno).		
	2.10	
Zeyher (zeyheri) 1 yr. 12-18 in25 PIERIS MARIANA, Staggerbush.	2.10	18.00
	2.10	18.00
6-9 in40	3.60	30.00
POPULUS NIGRA ITALICA, Lombardy Poplar. 6-8 ft75	6.75	60.00
	9.00	81.00
POPULUS SIMONI, Simon Poplar.		
8-10 ft. 1.50 1 PRUNUS AMERICANA, American Plum.	3.50	
Seedlings 9-12 in25	1.50	12.00
1-2 ft30	2.40	18.00
	4.50 6.75	
	9.00	
PRUNUS BESSEYI, Bessey Cherry.		
18-24 in50 PRUNUS HORTULANA, Hortulan Plum.	4.50	39.00
	5.40	
PRUNUS MARITIMA, Beach Plum.	- 40	
PRUNUS MUNSONIANA, Wildgoose Plum.	5.40	
Seedlings 6-9 in25	1.50	12.00
PRUNUS NIGRA, Canada Plum.	2.40	
6-15 in, .30	2.40	
PRUNUS ORTHOSEPALA.		00.00
12-18 in40 SPRUNUS PUMILA, Sand Cherry.	3.60	30.00
18-24 in40	3.60	30.00
	5.40	48.00
PRUNUS REVERCHONI, Hog Plum. 3-6 in25	1.50	12.00
PRUNUS TOMENTOSA, Nanking Cherry.		
	2.40 5.40	
2-3 ft. 1.00	7.40	
HORTICULTURAL VARIETIES OF PRUNUS.	-	
	1	
Double Pinkflowering Almond (trichostyla sinensis).	3.75	
Double Whiteflowering Almond (glabro albiplena).	1	
	5.75	
	L.50	12.00
RHAMNUS DAHURICA, Dahurian Buckthorn. Seedlings 9-12 in	2.10	18,00
	2.40	21.00
RHODORA CANADENSIS, Rhodora.	0.5	
	25 50	
10-21 111. 1.00		

RHODOTYPOS KERRIOIDES, Jetbead. Seedlings 6-9 in.	Each .25	$\frac{10}{2.10}$	100 18.00
10-15 in.	.30	2.40	10.00
1-2 ft.	.50	4.50	39.00
RHUS COPALLINA, Shining Sumac.	.40	3.60	
2-3 ft.	.50	4.50	
RHUS GLABRA, Smooth Sumac.	.50	4.50	
RHUS TYPHINA, Staghorn Sumac.	0.0	0.40	
2-3 ft. ROBINIA KELSEYI, Kelsey Locust.	.30	2.40	
ROSA ACICULARIS, Prickly Rose.	1.00	9.00	
12-18 in. 18-24 in.	.40 .60	$\frac{3.60}{5.40}$	
ROSA CANINA, Dogbrier.			
12-18 in.	.30	2.40	
ROSA GYMNOCARPA, Bald-hip Rose. 9-12 in.	.30	2.40	
ROSA HUGONIS, Hugo Rose.			
12-18 in.	1.25	11.25	
ROSA LUCIDA, Virginia Rose. 9-12 in.	.25	2.10	18.00
12-18 in.	.40	3.60	30.00
18-24 in.	.60	5.40	
ROSA LUCIDA ALBA, White Virginia F 6-12 in.	.75	6.75	60.00
12-18 in.	1.00	9.00	81.00
ROSA MULTIFLORA, Japanese Rose.	.20	1 50	0.00
Seedlings 6-9 in. 2-3 ft.	.40	$\frac{1.50}{3.00}$	9.00 18.00
ROSA MULTIFLORA CATHAYENSIS, C	athay Rose		20.00
Seedlings 12-18 in.	.25	2.10	
ROSA NITIDA, Bristly Rose.	.30	2.40	21.00
12-18 in.	.50	4.50	21.00
ROSA RUBIGINOSA, Sweetbrier.			
2-3 ft. ROSA RUGOSA (ferox), Rugosa Rose.	.50	4.50	
12-18 in.	.30	2.40	21.00
18-24 in.	.40	3.60	33.00
ROSA SETIGERA, Prairie Rose. 1 year	.30	2,40	21.00
ROSA SPINOSISSIMA, Scotch Rose.	.50	2.40	21.00
9-12 in.	.40	3.60	
RUBUS ODORATUS, Flowering Raspberr 1-2 ft.	.40	3.60	
SALIX HUMILIS, Prairie Willow.			
18-24 in. SALIX PENTANDRA, Laurel Willow.	.40	3.69	
2-3 ft.	.25	2.10	18.00
SALIX TRISTIS, Dwarf Pussy Willow.	.40	3.60	
SAMBUCUS CANADENSIS, American E 1-2 ft.	.50	4.50	
SORBUS AMERICANA, American Mounta		1.00	
1-2 ft.	.60	5.40	48.00
2-3 ft.	.75	6.75	
SORBUS AUCUPARIA (europaea), Europaea), Europaea, 1-2 ft.	ean Mount .40	ain-asn. 3.60	30.00
2-3 ft.	.60	5.40	
3-4 ft. SORBUS COMMIXTA, Japanese Mountain	1.00 -ash	9.00	
9-12 in.	.40	3.60	30.00
SPIRAEA ARGUTA, Garland Spirea. 2 yr. 10-12 in.	.30	2.40	21.00
2 yr. 10-12 in.	.50	2.40	21.00

	-		
SPIRAEA BILLIARDI, Billiard Spirea.	Each	10.	100
1 yr. 12-18 in.	.25	2.10	18.00
18-24 in. 2-3 ft.	.40	3.60	
SPIRAEA BUMALDA, Bumalda Spirea.	.50	4.50	
2 yr. 8-12 in.	.30	2.40	
SPIRAEA FROEBELI, Froebel Spirea.			
2 yr. 10-15 in.	.30	2.40	_
SPIRAEA JAPONICA OVALIFOLIA (callosa Spirea. 6-12 in.		White	Japanese
SPIRAEA JAPONICA RUBERRIMA (callosa	.25 i rubra)	2.10 , Pink	18.00 Japanese
Spirea. 8-12 in.	.25	2.10	18.00
SPIRAEA PRUNIFOLIA, Bridalwreath.	•		
18-24 in.	.50	4.50	
SPIRAEA PRUNIFOLIA PLENA, Double Br	idalwrea	2.40	91.00
SPIRAEA SARGENTIANA. 3-6 in.	.30 .40	3.60	21.00
SPIRAEA THUNBERGI, Thunberg Spirea.	.10	5.00	
8-12 in.	.25	2.10	18.00
SPIRAEA VANHOUTTEI, Vanhoutte Spirea.		4 = 0	00.00
2-3 ft. SPIRAEA VEITCHI, Veltch Spirea.	.50	4.50	39.00
1-2 ft,	.60	5.40	48,00
	OF SPII		
Anthony Waterer. 2 yr. 8-12 in.	.30	2.40	21.00
18 in.	.50	4.50	
White Billiard Spirea (billiardi alba) 2-3 ft.	.50	4.50	
3-4 ft.	.75	6.75	
	hanandr		
2-3 ft.	.60	5.40	
STEWARTIA PENTAGYNA, Mountain Stew 6-9 in.	artia. 1.00	9.00	
SYMPHORICARPOS OCCIDENTALIS, Wester			
Seedlings 12-18 in.	.25	2.10	
SYMPHORICARPOS RACEMOSUS, Common			
2-3 ft. 3-4 ft.	$\frac{.60}{75}$	$\frac{5.40}{6.75}$	48.00
SYMPHORICARPOS VULGARIS, Coralberry	.75	0.15	
2-3 ft.	.60	5.40	48.00
3-4 ft.	.75	6.75	
	Asiatic		af.
9-12 in. $2-2\frac{1}{2}$ ft.	$1.00 \\ 1.50$	$9.00 \\ 13.50$	
SYRINGA JOSIKAEA, Hungarian Lilac.	1.00	10.00	
6-12 in.	.25	2.10	18.00
SYRINGA PERSICA, Persian Lilac.	40	0.00	
12-18 in. SYRINGA VULGARIS, Common Lilac.	.40	3.60	
2-3 ft.	.60	5.40	48.00
SYRINGA VULGARIS ALBA, Common White	Lilac.		
2-3 ft.	.80	7.20	63.00
3-4 ft. 4-5 ft.	$\frac{1.25}{2.00}$	$\frac{11.25}{18.00}$	102.00
Mixed Hybrids.	2.00	10.00	
18-24 in.	1.00	9.00	
2-3 ft.	1.60	14.40	
3-4 ft.	2.75	24.00	
TAMARIX HISPIDA, Kashgar Tamarix. 6-12 in.	.30	2.40	
TILIA AMERICANA, American Linden.	.00	2.10	
3-4 ft.	.75	6.75	
10-12 ft.	6.00	54.00	
ULMUS AMERICANA, American Elm. 5-6 ft.	.60	5,40	48.00
6-8 ft.	1.00	9.00	81.00
8-10 ft.	1.50	13.50	120.00
10-12 ft.	2.50	22.50	201.00
12-14 ft.	$\frac{4.00}{5.00}$	$\frac{36.00}{45.00}$	
14-16 ft.	9.00	40.00	

VACCINIUM CORYMBOSUM, Highbush Blueberry. Fine stock, grown from seed and cuttings and transplanted	COV-
eral times. This is the Blueberry of commerce, but not the	
Coville Hybrids. Also it is one of the finest of ornamental	
success commercially only on acid soils. Each 10	100
3-6 in30 2.40	21.00
6-9 in40 3.60	30.00
9-12 in50 4.50	39.00
12-18 in80 7.20	63.00
Clumps 18-24 in. 1.00 9.00	81.00
Clumps 2-3 ft. 2.00 18.00	
Clumps 3-4 ft. 3.50 31.50	
VACCINIUM PALLIDUM, Blueridge Blueberry.	
A very fine variety from the Carolina Mountains. Large,	sweet
berries with a fine "bloom" when ripe. Fine ornamental.	
6-9 in60 5.40	48.00
9-12 in80 7.20	63.00
12-18 in. 1.00 9.00	81.00
VACCINIUM STAMINEUM, Deerberry.	
12-18 in50 4.50	39.00
18-24 in75 6.75	60.00
VIBURNUM ACERIFOLIUM, Mapleleaf Viburnum.	
18-24 in60 5.40	48.00
2-3 ft	
VIBURNUM AMERICANUM, American Cranberrybush.	
18-24 in75 6.75	60.00
VIBURNUM CASSINOIDES, Withe-rod,	00,00
Seedlings 18-24 in25 2.10	18.00
2-3 ft60 5.40	48.00
3-4 ft80 7.20	63.00
	120.00
4-3 1t. 1.00 15.00	120.00



VIBURNUM DENTATUM, Arrowwood.	Each	10	100
Seedlings 3-6 in.	.15	.75	6.00
Seedlings 9-12 in.	.25	1.50	12.00
• 9-12 in.	.30	2.40	21.00
12-18 in.	.40	3.60	
12-13 III. 18-24 in.	.60		30.00
		5.40	48.00
Clumps 5-7 ft.	2.00	18.00	
VIBURNUM LANTANA, Wayfaring-tree.			
1-2 ft.	.60	5.40	
VIBURNUM LENTAGO, Nannyberry.			
18-24 in.	.40	3.60	
2-3 ft.	.60	5.40	48.00
			48.00
3-4 ft.	1.00	9.00	
VIBURNUM OPULUS, European Cranberr	ybush.		
18-24 in.	.40	3.60	
2-3 ft.	.60	5.40	
3-4 ft.	.75	6.75	
VIBURNUM OPULUS NANUM, Dwarf Cra		ch	
6-9 in.	.40	3.60	90.00
			30.00
9-12 in.	.50	4.50	39.00
12-18 in.	1.00	9.00	
VIBURNUM OPULUS STERILE, Common	Snowball		
5-10 in.	.25	2.10	
VIBURNUM SIEBOLDI, Siebold Viburnum			
18-24 in.	.75	6.75	
2-3 ft.	1.25	11.25	
		11.25	
VIBURNUM TOMENTOSUM, Doublefile V			
2-3 ft.	1.00	9.00	
WEIGELA AMABILIS, Rose Weigela.			
1-2 ft.	.30	2.40	21.00
WEIGELA FLORIBUNDA, Crimson Weige		2.10	21.00
	.30	2.40	04.00
8-15 in.	.50	2.40	21.00
WEIGELA ROSEA, Pink Weigela.			
2 yr. 10-20 in.	.25	2.10	18.00
12-18 in.	.50	4.50	
18-24 in.	.75	6.75	
HORTICULTURAL VARIETIES			
	.25	2.10	18.00
Eva Rathke. 6-12 in.	.30	2.40	21.00
2-3 ft.	.60	5.40	
ZANTHORHIZA APIIFOLIA, Yellowroot,			
6-12 in.	.40	3.60	30.00
12-18 in.	.50	4.50	39.00
12-18 111.	.00	4.00	07.00

VINES, CREEPERS AND CLIMBERS

ACTINIDIA ARGUTA, Bower Actinidia. Each	
2 year 1.0	0 9.00
AKEBIA QUINATA, Fiveleaf Akebia.	
3 year .6	5.40
AMPELOPSIS HETEROPHYLLA, Porcelain Am	pelopsis.
1 year .4	0 3.60
AMPELOPSIS QUINQUEFOLIA, Virginia Creep	er.
Strong .5	0 4.50
AMPELOPSIS QUINQUEFOLIA ENGLEMANNI,	Engelmann Creeper.
12-18 in2	
AMPELOPSIS TRICUSPIDATA, Japanese Creep	er.
Strong .5	0 4.50
AMPELOPSIS VITACEA, Thicket Creeper.	
15-18 in7	5 6.75
ARISTOLOCHIA SIPHO, Dutchmans-pipe.	
.5	
	istmas Bittersweet.
2-3 ft5	0 4.50 39.00

HARLAN P. KELSEY, SALEM, MASSACHUSETTS

CLEMATIS PANICULATA, Swe	et Autumn	Clematis.	i - i 1	
CLEWATIO PARTICULATION, SING		Each	10	100
	medium	.40	3.60	
	2 year	.75	6.75	
CLEMATIS LIGUSTICIFOLIA,			er. 4.50	
CLEMATIS VIRGINIANA, Virgi		.00	2.00	
	Small	.25	2.10	18.00
EUONYMUS RADICANS, Wint	ercreeper. 3 year	.60	5.40	48.00
EUONYMUS RADICANS VEGE	TUS, Bigle: Strong	af Winter	creeper. 5.40	
HYDRANGEA PETIOLARIS, C $_{5-}$	limbing Hyd inch pots	Irangea. 2.00		
LYCIUM CHINENSE, Chinese M	Matrimony-v	ine.	2.10	18.00
1 yea	r 3-4 ft.	.25	2.10	10.00
ROSA, Rose.	No. 1	.75	6.75	
American Pillar.	No. 1 No. 2	.50	4.50	
Beauty of the Prairies (Que			1.00	
Beauty of the Frances (&	No. 1	.75	6.75	
Crimson Rambler.	No. 2	.50	4.50	
Dorothy Perkins (Pink Ran	nbler).		4 = 0	
	No. 2	.50	4.50	
Dr. W. Van Fleet.	No. 2	.50	4.50	
Excelsa (Red Dorothy Perk		~-	0.55	
	No. 1 No. 2	.75 $.50$	$\frac{6.75}{4.50}$	
Hiawatha.	No. 2	.50	4.50	
Max Graf.	110. 2	2.00	1.00	
Paul's Scarlet Climber.	No. 1	.75	6.75	
Setigera, Prairie Rose.	1 year	.30	2.40	21.0
Silver Moon,	No. 1	.75	6.75	
Tausendschon (Thousand B				
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	No. 2	.50	4.50	
Tennessee Belle.	No. 1	.75	6.75	
Veichenblau (Blue Rambler)				
	No. 1	.75	6.75	
White Dorothy (White Dor-	othy Perkins	s).	e 75	
wichuraiana, Wichurian Ro	No. 1	.75	6.75	
Wicharana, Wicharian No	No. 1	.75	6.75	
Yellow Rambier.	No. 1	.75	6.75	
RUBUS LACINIATUS, Cutleat	f Blackberry	.		
nebec Entermine co, cuncar	18-24 in.	.50	4.50	
VACCINIUM VITISIDAEA, Co	wberry. Strong	1.00	9.00	
WISTERIA MULTIJUGA (blue	_	ter Wist	erla. 9.00	
WISTERIA SINENSIS, Chines		1.25	11.25	
WISTERIA SINENSIS ALBA,	-			
antend Alba,	3 year	1.25	11.25	

[&]quot;HARDY NEW ENGLAND GROWN-BEST BY TEST"

HARDY HERBACEOUS PERENNIALS

In this list will be found a collection of hardy herbaceous peren-nials that will give a good succession of bloom from early spring to late autumn. Nearly all are of easy culture. The usual list of herbaceous perennials offered in American catalogs can be secured and shipped with other orders, so that customers may feel safe in getting full collections.

Prices of herbaceous perennials, unless otherwise noted, 30c each; \$2.40 per 10; \$21.00 per 100. Each 10 100

ACHILLEA PTARMICA, var. Pearl. ANEMONE JAPONICA, var. Queen Charlotte.

ASTERS, in variety.
CALTHA PALUSTRIS, Marshmarigold.
CHELONE GLABRA, White Turtlehead.
CHELONE LYONI, Pink Turtlehead.

CHELONE LYONI, Pink Turtlehead.
CHRYSANTHEMUM COREANUM, Korean Chrysanthemum.
CHRYSANTHEMUM, hardy named varieties.
CIMICIFUGA RACEMOSA, Cohosh Bugbane.
CONVALLARIA MAJALIS, LIIy-of-the-Valley.
CORNUS CANADENSIS, Bunchberry.
CYPRIPEDIUM ACAULE, Pink Ladyslipper.
DIANTHUS, var. Her Majesty, pure white.
DIANTHUS, var. Homer, dark red.
DICENTRA EXIMIA, Fringed Bleedingheart. .35 2.70
DICENTRA SPECTABILIS, Bleedingheart. 1.00 9.00
DIONAEA MUSCIPULA, Venus Flytrap.
DROSERA ROTUNDIFOLIA, Roundleaf Sundew. 24,00 81.00

FERNS

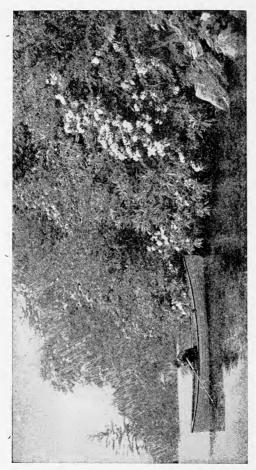
	Laci	10	100
Prices of Ferns unless otherwise noted,	.30	2.75	24.00
Adiantum pedatum, American Maidenha	air Fern.		
Athyrium (Asplenium) filixfemina, Lady	y Fern.		
Dennstedtia (Dicksonia) punctilobula, I			
Dryopteris (Aspidium) marginalis, Leat		fern.	
Dryopteris noveboracensis, New York F			
Dryopteris spinulosa, Toothed Woodfern	1.		
Dryopteris thelypteris, Marshfern.			
Onoclea sensibilis, Sensitive Fern.			
Osmunda cinnamomea, Cinnamon Fern.		3.60	33.00
 Osmunda claytoniana, Interrupted Fern. 		3.60	33.00
Osmunda regalis, Royal Fern.	.40	3.60	33.00
Polypodium vulgare, Common Polypody.			
Polystichum (Dryopteris) acrostichoides Pteretis (Onoclea) nodulosa, Ostrich Fei		is Fern.	
Pieretis (Unociea) noquiosa, Ostrich Fel	III.		



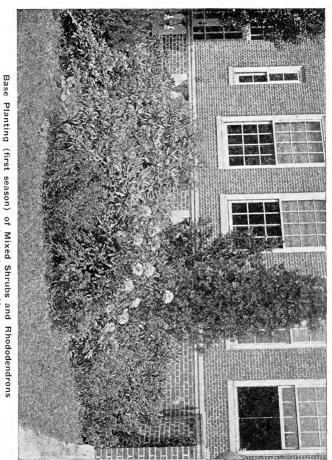
HARLAN P. KELSEY, SALEM, MASSACHUSETTS

FILIPENDULA CAMTSCHATICA, Kamchatka Meadowsweet, GALAX APHYLLA, Galax. GILLENIA STIPULATA, Indian-physic. HEMEROCALLIS DUMORTIERI (sieboldi), Early Daylily, HEMEROCALLIS FLAVA, Lemon Daylily. 3.60 .40 HEMEROCALLIS FULVA, Tawny Daylily, HEMEROCALLIS THUNBERGI, Japanese Daylily. HEPATICA TRILOBA, Roundlobe Hepatica. HOSTA (Funkia) LANCEFOLIA, Lanceleaf Plantainlily. HOSTA (Funkia) PLANTAGINEA GRANDIFLORA, Big Plantainlily. IRIS CRISTATA, Crested Iris. IRIS GERMANICA, German Iris, named varieties. IRIS GERMANICA, German Iris, mixed varieties. IRIS KAEMPFERI, Japanese Iris, finest mixed colors. IRIS PALLIDA, var. Dalmatica. IRIS PSEUDACORUS, Yellowflag Iris. IRIS VERNA, Vernal Iris. IRIS VERSICOLOR (virginica), Blueflag Iris. LAMIUM MACULATUM, Spotted Deadnettle. LIATRIS SPICATA, Spike Gayfeather, LILIUM CANADENSE, Canada Lily, LILIUM CAROLINIANUM, Carolina Lily. LILIUM GRAYI, Grays Lily. \$11.25 \$102.00 LILIUM HENRYI, Henry Lily. \$1.25 LILIUM SUPERBUM, American Turkscap Lily. LILIUM TIGRINUM, Tiger Lily. LYSIMACHIA NUMMULARIA, Moneywort. OENOTHERA FRUTICOSA YOUNGI, Youngs Sundrops. 4.50 30.00 PAEONIA, Peony, selected colors. .60 PHLOX, named varieties in finest sorts. PHLOX SUBULATA, Moss Phlox. PHLOX, var. White Moss. POLYGONATUM COMMUTATUM, Great Solomonseal. PONTEDERIA CORDATA, Pickerelweed. SANGUINARIA CANADENSIS, Bloodroot, SEMPERVIVUM CALIFORNICUM. SEMPERVIVUM FIMBRIATUM, Fringed Houseleek. SEMPERVIVUM GLOBIFERUM, Globe Houseleek. SEMPERVIVUM TECTORUM (robustum), Roof Houseleek. SHORTIA GALACIFOLIA, Oconee-bells, SOLIDAGO, Goldenrod in variety. STENANTHIUM ROBUSTUM, Featherfleece. STOKESIA LAEVIS (cyanea), Stokesia. THERMOPSIS CAROLINIANA, Carolina Thermopsis. TRILLIUM GRANDIFLORUM, Snow Trillium. TYPHA LATIFOLIA, Common Cattail. VINCA MINOR ALBA, White Common Periwinkle. VIOLA CORNUTA, Tufted Pansy. VIOLA PEDATA, Birdsfoot Violet.

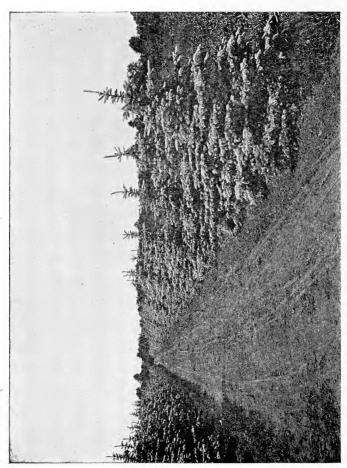
YUCCA FLACCIDA, Weakleaf Yucca.



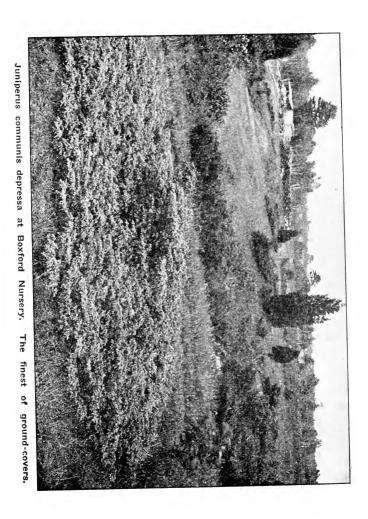
Rhododendrons and Kalmias are at their best when overhanging water, with a light background of mixed evergreen and deciduous foliage.



at Saltonstall School, Salem, Mass.



Boxford-Highlands Nursery Avenue of specimen Koster Blue Spruces at



39



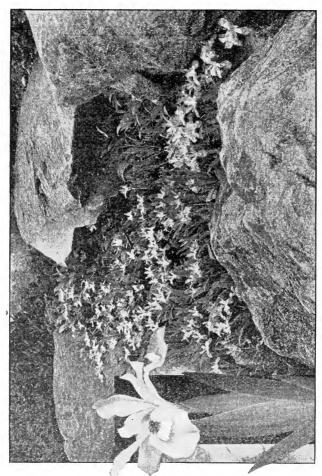
PICEA OMORIKA, Serbian Spruce.

One of the most beautiful and satisfactory of all the Spruces.

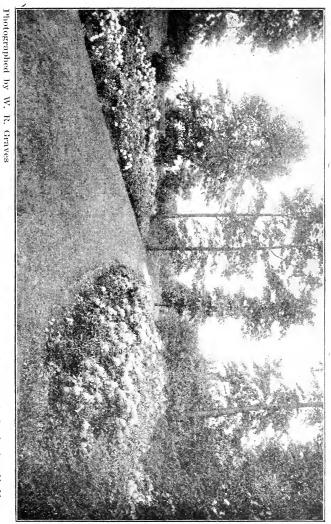


SPECIMEN KOSTER BLUE SPRUCE.

Photographed at Boxford-Highlands Nursery. We have hundreds just as perfect as this, up to 12 feet in height.



IRIS CRISTATA in the rockery. Pale blue with yellow throat.



These were planted where the soil is naturally strongly alkaline or filled with lime. Complete success was obtained by excavating and filling in with several feet of humus and an acid soil mixture. Young planting of Native and Hybrid Rhododendrons in Highland Park, Rochester, N. Y.

The Successful Rhododendron Bed

By Harlan P. Kelsey

This includes Rhododendrons, Kalmias, Azaleas, Leucothoes, Blueberries and other ericaceous genera and similar native and exotic plants, and often such "fillers" as Ferns, Lilies, etc., which delight in acid soil conditions and which are usually grouped together to make what is termed the "Rhododendron Bed."

Soil. This class of plants is most at home in somewhat shady and damp situations, and in a porous soil supplying plenty of humus and always showing more or less acid reaction. Limestone (alkaline) soils must be avoided, as a majority of ericaceous plants (Rhododendrons, Azaleas, Blueberries, etc.) are rarely if ever found growing naturally under such soil conditions. Sandy loam is favorable, but in all cases continuous supply of humus should be provided.

Creating Necessary "Acid" Conditions. Dr. Coville, United States Botanist of the Department of Agriculture, Washington, D. C., has made some very interesting greenhouse experiments which would seem to prove that acidifying soils by the application of aluminum sulfate makes it possible to grow these acid soil plants much more successfully. We are testing out this method on a large scale, and can no doubt give some definite conclusions in another year as to how this method will work in outdoor plantings.

It must be remembered, however, that application of acids will not take the place of humus. Others claim beneficial results by the application of tannic acid in dilution, but this also needs further experiments before the method can be generally recommended. Hardwood sawdust may be used as a mulch, and also ground peat moss or mull, which is imported from Holland, both having acid reaction.

The above experiments indicate that by suitable treatment, these beautiful ericaceous plants may sometimes be grown successfully on the alkaline soils of the Middle West.

Mulching. This means that the Rhododendron bed should have annually a heavy mulch of hardwood leaves, which is left on the year round to decay. Mulching also keeps the ground cool in summer and warm in winter and protects the fine feeding rootlets of the plants. Removing the mulching in spring to make the beds "look better" is one of the greatest causes of non-success in growing Rhododendrons and similar plants. No expert gardener would ever think of so doing.

Preparation of Bed. Unless conditions are naturally favorable, excavate two to three feet and fill with woods mold, "Kalmia peat," good loam, rotted field-sods, and perhaps a third in bulk of swamp muck or peat or similar soils. Make a tenth part of the mixture sharp sand, especially where the soil is too clayey. The center of the bed or plantation may be raised 6 to 12 inches above the surrounding ground, after allowing for natural settling.

Planting. Plant the same depth as before (shown by earth line or "collar" on stem) and firmly press soil around roots with the foot, but don't pack the earth too solid,—Rhododednrons are not telegraph poles. "Fillers," including Lilies and other bulbs and smaller ground-covering species, should be planted after the larger plants are all in and properly spaced. Then soak the ground and apply the mulching.

Winter Protection. If convenient, protect them with pine or other evergreen boughs, particularly where exposed to the sun and wind; yet Rhododendrons rarely suffer in the latitude of Boston or Buffalo, if properly planted and mulched. In the latitude of Ottawa and Quebec, Canada, a board fencing may be placed around the edge of the bed and much heavier temporary mulching of straw, etc., filled in almost or quite to the tops of the plants. It is rarely necessary to build a board cover, except on southern exposures to prevent sunburn, or with tender varieties not suitable for general planting, and even then evergreen boughs are preferable. Good ventilation must be provided.

HARLAN P. KELSEY, SALEM, MASSACHUSETTS

Selecting the Location. For the Rhodendron bed a northern exposure is preferable, especially in low elevation in the South, or elsewhere where freezing and thawing is quite continual. A direct winter sun on the frozen leaves of any broadleaf evergreen often kills outright or spoils the foliage. The north side of the building, wall, woods or hill is always preferable, and windswept locations should be avoided unless proper measures are taken to check the heavy winds.

In Limestone Soils. Excavation is imperative, and fresh soil showing acid reaction substituted. This can be successfully done. A striking example is shown in Highland Park, Rochester, N. Y., where one of the most beautiful Rhododendron and Azalea beds in America has been constructed and planted in a location originally of a heavy limestone nature. Blueberry culture is not a success in limestone soils.

Enemies of the Rhododendron. Rhododendrons, Kalmias, and similar plants have few enemies. The only serious one I know is the Lace-wing Fly, which is native from New England throughout the Alleghanies, and is found on Kalmia angustfolia, Rhododendron maximum, Kalmia latifolia, and occasionally on almost any broadleaf evergreen or deciduous tree or shrub. This pest appears in early spring on the under side of the leaves and gets its sustenance by sucking the sap. The leaves turn brown, giving the plant a ragged, unkempt appearance. It is easily disposed of by spraying the under side of the leaves, using a very fine nozzle, with an emulsion of ten gallons of whale-oil soap to one hundred gallons of water. While the Lacewing Fly is more at home on Rhododendron maximum, it does not hesitate to attack all other species to a greater or less extent. Plants in the shade are rarely infested to any great degree.

The Use of "Fillers." For the best landscape effects, as well as providing a continual succession of bloom throughout the season and actually protecting the Rhododendrons and supply "feathered" edge to the ground, a large variety of shrubs and plants may be employed with the finest results. In fact, the planting of Rhododendrons without the use of "filler" or "edging" plants may give harsh, formal effects, which are neither desirable nor natural in any way. In the use of "fillers" great care must be taken as to time of blooming and color effects, so they do not clash. It is surprising how many "filler" plants can be used without detracting from the broad evergreen effect, and yet supplying an amazing amount of interesting detail and a continuous show of blossoms against a beautiful Rhododendron leaf background.

Some of the Best "Fillers" and "Edging" Plants. Andromeda polifolia, Chamaedaphne calyculata (Leatherleaf), Leiophyllum buxifolium, L. prostratum, llex glabra (Inkberry), Leucothoe catesbaei, Pieris floribunda, Taxus canadensis (Canada Yew), Galax aphylla, Gaultheria procumbens, Houstonia (Bluets), Mitchella repens (Partridgeberry), Shortia galacifolia (Oconee-bells), Vinca minor (Periwinkle), Zanthorhiza apiifolia (Yellowroot), Lilies, Trilliums, Erythroniums (Dogtooth Violets), Ferns in great variety, Violets, Dicentra eximia (Fringed Bleedingheart), Iris in great variety, particularly pseudacorus and Japanese, Azaleas in variety, Ilex verticillata, Aronias (Chokeberry) in variety, and many other "berry-bearing" shrubs. Jonquils and other spring bulbs may be used freely in the borders of plantations with charming results.

STANDARDIZED PLANT NAMES

is authority for all names used in catalogs of Boxford-Highlands
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This new book is now rapidly being accepted as the standard authority for all dealings in and current literature about plants in the United States. It is not a new and different scientific system of nomenclature, but a workable harmonization of the present confusion, and is the first co-operative attempt of the leading trade and amateur organizations to so standardize plant names as to make buying easy.

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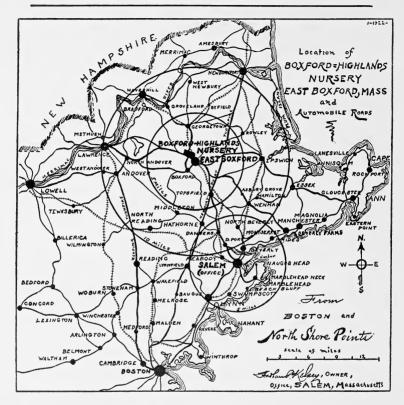
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STANDARDIZED PLANT NAMES

BOLD-face, whether capitals or small letters, indicates approved scientific names. ITALIC, whether capitals or small letters, indicates synonyms or unapproved names.

SMALL CAPITALS indicate approved common names.

Abbreviations: Ag=Economic Herbarium of the United States Department of

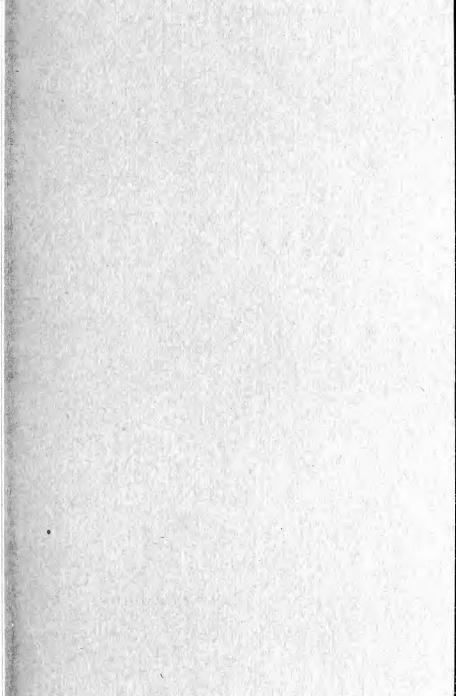
Abbreviations: Ag=Economic Herbarium of the United States Department of Agriculture; Ar=Arnold Arboretum, Harvard University; Cy=Bailey's Standard Cyclopedia of Horticulture.

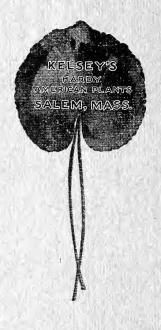
A dagger (†) indicates a horticultural variety for which the Joint Committee recommends the use of the common name alone, although recognizing that the scientific name in italics, followed by the dagger, has good botanical standing

according to the authority cited.

A	ABIES, continued
AARONSBEARD CACTUS Opuntia leucotricha	holophylla NEEDLE FIR
ABELIA ABELIA chinensis (rupestris) . Chinese A. engleriana Engler A. floribunda MEXICAN A.	homologia (hagehamballa) Nyawa E
chinancie (rungetrie) CHINESE A	homolepis (brachyphylla). NIKKO F. —umbilicata (umbellata)
engleriana Engles A	Dimplecone F.
floribunda MEXICAN A	hudsonica . A. balsamea hudsonia
grandiflora Glossy A.	lasiocarpa (subalpina). Alpine Fir
ABELMOSCHUS HIBISCUS	—arizonica Cy A. arizonica
	lowiana A. concolor lowiana
ABERIA DOVYALIS	
ABIES FIR	magnifica RED FIR —shastensis Shasta F.
ABIES Fire alba Ag-Ar A. pectinata	See also hort, var. list on page 2.
The name A. alba is often misapplied to Picea canadensis.	mariesi MARIES F.
alcockiana Picea alcockiana	mariesi MARIES F. menziesi Picea sitchensis
The name A. alcockiana has often been	momi A. firma nobilis Noble Fir
misapplied to Picea jezoensis hondoensis.	nobilis Noble Fir
amabilis CASCADE FIR The name A. amabilis is sometimes	See also hort. var. list on page 2.
The name A. amabilis is sometimes	nordmanniana Nordmann F.
misapplied to A. grandis.	numidica (A. baborensis Cy)
apollinis . A. cephalonica apollinis	ALGERIAN F. orientalis Picea orientalis
arizonica (Abies lasiocarpa ari-	orientalis Picea orientalis
zonica Cy) Cork Fir baborensis Cy A. numidica	pectinata (A. picea Cy; A. alba Ag-Ar) SILVER FIR See also hort, var. list on page 2.
balsamea Balsam Fir	See also hort ver list on page 2
—hudsonia(hudsonica). Hudson F.	picea Cy A. pectinata
brachyphylla A. homolepis	pindrow Pindrow Fir
	pincano Spanich F
bracteata A. venusta canadensis Tsuga canadensis	pinsapo SPANISH F. See also hort, var, list on page 2.
cephalonica Greek Fir	mingens Picea pungens
—apollinis Apollo F.	pungens Picea pungens sachalinensis Sakhalin Fir
cilicica CILICIAN F.	sibirica SIBERIAN F.
concolor WHITE F.	sibirica SIBERIAN F. spectabilis (A. webbiana Cy)
-lowiana Pacific White F.	
See also hort. var. list on page 2.	subalpina A. lasiocarpa
douglasi Pseudotsuga douglasi	umbellata . A. homolepis umbilicata
excelsa Picea excelsa	venusta (bracteata)
firma (momi) Momi Fir	Bristlecone Fir
fraseri Fraser F.	BRISTLECONE FIR veitchi VEITCH F.
grandis Great Silver F.	webbiana Cy A. spectabilis

[&]quot;Standardized Plant Names" will be of the greatest assistance to me in editing the Bulletin of the Garden Club of America.—Mrs. M. H. B. McKnight, Sewickley, Pa.





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